

# Be Certain with Belden



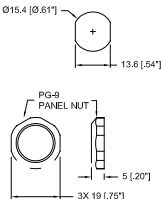
## EtherMATE™ Industrial Ethernet Double-Ended Cord Sets

High-Flex/High Noise, Stranded/Shielded, 24 AWG, PVC Jacket

| Type                   | 0985 656 103                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 0985 656 104                                                                                                                                               | 0985 656 500                                                                                                                                                       | 0985 656 504                                                                                                                                                |   |              |   |   |        |   |   |            |   |   |      |   |   |             |   |   |       |   |   |             |   |   |       |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |     |       |      |   |              |   |   |        |   |   |            |   |   |      |   |   |             |   |   |       |   |   |             |   |   |       |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |      |       |      |   |              |   |   |        |   |   |            |   |   |      |   |   |             |   |   |       |   |   |             |   |   |       |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |        |       |        |   |              |   |   |        |   |   |            |   |   |      |   |   |             |   |   |       |   |   |             |   |   |       |   |
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| Configuration          | M12 to RJ45                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | M12 (receptacle) to RJ45                                                                                                                                   | RJ45 to RJ45                                                                                                                                                       | RJ45 to RJ45 (crossover)                                                                                                                                    |   |              |   |   |        |   |   |            |   |   |      |   |   |             |   |   |       |   |   |             |   |   |       |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |     |       |      |   |              |   |   |        |   |   |            |   |   |      |   |   |             |   |   |       |   |   |             |   |   |       |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |      |       |      |   |              |   |   |        |   |   |            |   |   |      |   |   |             |   |   |       |   |   |             |   |   |       |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |        |       |        |   |              |   |   |        |   |   |            |   |   |      |   |   |             |   |   |       |   |   |             |   |   |       |   |
|                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                                                                            |                                                                                                                                                                    |                                                                                                                                                             |   |              |   |   |        |   |   |            |   |   |      |   |   |             |   |   |       |   |   |             |   |   |       |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |     |       |      |   |              |   |   |        |   |   |            |   |   |      |   |   |             |   |   |       |   |   |             |   |   |       |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |      |       |      |   |              |   |   |        |   |   |            |   |   |      |   |   |             |   |   |       |   |   |             |   |   |       |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |        |       |        |   |              |   |   |        |   |   |            |   |   |      |   |   |             |   |   |       |   |   |             |   |   |       |   |
| Product Description    | Industrial Ethernet double-ended cord set, high-flex, male, M12 to RJ45 straight, 4-pair, 24 AWG, PVC cable, stranded/shielded with teal jacket and orange inserts.                                                                                                                                                                                                                                                                                                                                       | Industrial Ethernet, double-ended cord set, high-flex, M12 female receptacle to RJ45 male, 4-pair, 24 AWG, PVC cable, stranded/shielded, with teal jacket. | Industrial Ethernet double-ended cord set, high-flex, male, RJ45 to RJ45 straight, 4-pair, 24 AWG, PVC cable, stranded/shielded with teal jacket.                  | Industrial Ethernet double-ended cord set, high-flex, male, RJ45 to RJ45 straight, 4-pair, 24 AWG, PVC cable, stranded/shielded crossover with teal jacket. |   |              |   |   |        |   |   |            |   |   |      |   |   |             |   |   |       |   |   |             |   |   |       |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |     |       |      |   |              |   |   |        |   |   |            |   |   |      |   |   |             |   |   |       |   |   |             |   |   |       |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |      |       |      |   |              |   |   |        |   |   |            |   |   |      |   |   |             |   |   |       |   |   |             |   |   |       |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |        |       |        |   |              |   |   |        |   |   |            |   |   |      |   |   |             |   |   |       |   |   |             |   |   |       |   |
| Category Rating        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                                                                            | CAT5e                                                                                                                                                              |                                                                                                                                                             |   |              |   |   |        |   |   |            |   |   |      |   |   |             |   |   |       |   |   |             |   |   |       |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |     |       |      |   |              |   |   |        |   |   |            |   |   |      |   |   |             |   |   |       |   |   |             |   |   |       |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |      |       |      |   |              |   |   |        |   |   |            |   |   |      |   |   |             |   |   |       |   |   |             |   |   |       |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |        |       |        |   |              |   |   |        |   |   |            |   |   |      |   |   |             |   |   |       |   |   |             |   |   |       |   |
| Technical Illustration |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                                                                            |                                                                                                                                                                    |                                                                                                                                                             |   |              |   |   |        |   |   |            |   |   |      |   |   |             |   |   |       |   |   |             |   |   |       |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |     |       |      |   |              |   |   |        |   |   |            |   |   |      |   |   |             |   |   |       |   |   |             |   |   |       |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |      |       |      |   |              |   |   |        |   |   |            |   |   |      |   |   |             |   |   |       |   |   |             |   |   |       |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |        |       |        |   |              |   |   |        |   |   |            |   |   |      |   |   |             |   |   |       |   |   |             |   |   |       |   |
| Wiring diagram         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                                                                            |                                                                                                                                                                    |                                                                                                                                                             |   |              |   |   |        |   |   |            |   |   |      |   |   |             |   |   |       |   |   |             |   |   |       |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |     |       |      |   |              |   |   |        |   |   |            |   |   |      |   |   |             |   |   |       |   |   |             |   |   |       |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |      |       |      |   |              |   |   |        |   |   |            |   |   |      |   |   |             |   |   |       |   |   |             |   |   |       |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |        |       |        |   |              |   |   |        |   |   |            |   |   |      |   |   |             |   |   |       |   |   |             |   |   |       |   |
|                        | <table><thead><tr><th>M12</th><th>Color</th><th>RJ45</th></tr></thead><tbody><tr><td>6</td><td>White/Orange</td><td>1</td></tr><tr><td>4</td><td>Orange</td><td>2</td></tr><tr><td>1</td><td>White/Blue</td><td>5</td></tr><tr><td>7</td><td>Blue</td><td>4</td></tr><tr><td>5</td><td>White/Green</td><td>3</td></tr><tr><td>8</td><td>Green</td><td>6</td></tr><tr><td>2</td><td>White/Brown</td><td>7</td></tr><tr><td>3</td><td>Brown</td><td>8</td></tr></tbody></table> <p>Nut — Shield — Shell</p> | M12                                                                                                                                                        | Color                                                                                                                                                              | RJ45                                                                                                                                                        | 6 | White/Orange | 1 | 4 | Orange | 2 | 1 | White/Blue | 5 | 7 | Blue | 4 | 5 | White/Green | 3 | 8 | Green | 6 | 2 | White/Brown | 7 | 3 | Brown | 8 | <table><thead><tr><th>M12</th><th>Color</th><th>RJ45</th></tr></thead><tbody><tr><td>6</td><td>White/Orange</td><td>1</td></tr><tr><td>4</td><td>Orange</td><td>2</td></tr><tr><td>1</td><td>White/Blue</td><td>5</td></tr><tr><td>7</td><td>Blue</td><td>4</td></tr><tr><td>5</td><td>White/Green</td><td>3</td></tr><tr><td>8</td><td>Green</td><td>6</td></tr><tr><td>2</td><td>White/Brown</td><td>7</td></tr><tr><td>3</td><td>Brown</td><td>8</td></tr></tbody></table> <p>Nut — Shield — Shell</p> | M12 | Color | RJ45 | 6 | White/Orange | 1 | 4 | Orange | 2 | 1 | White/Blue | 5 | 7 | Blue | 4 | 5 | White/Green | 3 | 8 | Green | 6 | 2 | White/Brown | 7 | 3 | Brown | 8 | <table><thead><tr><th>RJ45</th><th>Color</th><th>RJ45</th></tr></thead><tbody><tr><td>1</td><td>White/Orange</td><td>2</td></tr><tr><td>2</td><td>Orange</td><td>1</td></tr><tr><td>5</td><td>White/Blue</td><td>4</td></tr><tr><td>4</td><td>Blue</td><td>5</td></tr><tr><td>3</td><td>White/Green</td><td>6</td></tr><tr><td>6</td><td>Green</td><td>3</td></tr><tr><td>7</td><td>White/Brown</td><td>8</td></tr><tr><td>8</td><td>Brown</td><td>7</td></tr></tbody></table> <p>Shell — Shield — Shell</p> | RJ45 | Color | RJ45 | 1 | White/Orange | 2 | 2 | Orange | 1 | 5 | White/Blue | 4 | 4 | Blue | 5 | 3 | White/Green | 6 | 6 | Green | 3 | 7 | White/Brown | 8 | 8 | Brown | 7 | <table><thead><tr><th>RJ-45S</th><th>Color</th><th>RJ-45S</th></tr></thead><tbody><tr><td>1</td><td>White/Orange</td><td>3</td></tr><tr><td>2</td><td>Orange</td><td>6</td></tr><tr><td>5</td><td>White/Blue</td><td>5</td></tr><tr><td>4</td><td>Blue</td><td>4</td></tr><tr><td>3</td><td>White/Green</td><td>1</td></tr><tr><td>6</td><td>Green</td><td>2</td></tr><tr><td>7</td><td>White/Brown</td><td>7</td></tr><tr><td>8</td><td>Brown</td><td>8</td></tr></tbody></table> <p>Shield — Shield — Shield</p> | RJ-45S | Color | RJ-45S | 1 | White/Orange | 3 | 2 | Orange | 6 | 5 | White/Blue | 5 | 4 | Blue | 4 | 3 | White/Green | 1 | 6 | Green | 2 | 7 | White/Brown | 7 | 8 | Brown | 8 |
| M12                    | Color                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | RJ45                                                                                                                                                       |                                                                                                                                                                    |                                                                                                                                                             |   |              |   |   |        |   |   |            |   |   |      |   |   |             |   |   |       |   |   |             |   |   |       |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |     |       |      |   |              |   |   |        |   |   |            |   |   |      |   |   |             |   |   |       |   |   |             |   |   |       |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |      |       |      |   |              |   |   |        |   |   |            |   |   |      |   |   |             |   |   |       |   |   |             |   |   |       |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |        |       |        |   |              |   |   |        |   |   |            |   |   |      |   |   |             |   |   |       |   |   |             |   |   |       |   |
| 6                      | White/Orange                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 1                                                                                                                                                          |                                                                                                                                                                    |                                                                                                                                                             |   |              |   |   |        |   |   |            |   |   |      |   |   |             |   |   |       |   |   |             |   |   |       |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |     |       |      |   |              |   |   |        |   |   |            |   |   |      |   |   |             |   |   |       |   |   |             |   |   |       |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |      |       |      |   |              |   |   |        |   |   |            |   |   |      |   |   |             |   |   |       |   |   |             |   |   |       |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |        |       |        |   |              |   |   |        |   |   |            |   |   |      |   |   |             |   |   |       |   |   |             |   |   |       |   |
| 4                      | Orange                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 2                                                                                                                                                          |                                                                                                                                                                    |                                                                                                                                                             |   |              |   |   |        |   |   |            |   |   |      |   |   |             |   |   |       |   |   |             |   |   |       |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |     |       |      |   |              |   |   |        |   |   |            |   |   |      |   |   |             |   |   |       |   |   |             |   |   |       |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |      |       |      |   |              |   |   |        |   |   |            |   |   |      |   |   |             |   |   |       |   |   |             |   |   |       |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |        |       |        |   |              |   |   |        |   |   |            |   |   |      |   |   |             |   |   |       |   |   |             |   |   |       |   |
| 1                      | White/Blue                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 5                                                                                                                                                          |                                                                                                                                                                    |                                                                                                                                                             |   |              |   |   |        |   |   |            |   |   |      |   |   |             |   |   |       |   |   |             |   |   |       |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |     |       |      |   |              |   |   |        |   |   |            |   |   |      |   |   |             |   |   |       |   |   |             |   |   |       |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |      |       |      |   |              |   |   |        |   |   |            |   |   |      |   |   |             |   |   |       |   |   |             |   |   |       |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |        |       |        |   |              |   |   |        |   |   |            |   |   |      |   |   |             |   |   |       |   |   |             |   |   |       |   |
| 7                      | Blue                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 4                                                                                                                                                          |                                                                                                                                                                    |                                                                                                                                                             |   |              |   |   |        |   |   |            |   |   |      |   |   |             |   |   |       |   |   |             |   |   |       |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |     |       |      |   |              |   |   |        |   |   |            |   |   |      |   |   |             |   |   |       |   |   |             |   |   |       |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |      |       |      |   |              |   |   |        |   |   |            |   |   |      |   |   |             |   |   |       |   |   |             |   |   |       |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |        |       |        |   |              |   |   |        |   |   |            |   |   |      |   |   |             |   |   |       |   |   |             |   |   |       |   |
| 5                      | White/Green                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 3                                                                                                                                                          |                                                                                                                                                                    |                                                                                                                                                             |   |              |   |   |        |   |   |            |   |   |      |   |   |             |   |   |       |   |   |             |   |   |       |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |     |       |      |   |              |   |   |        |   |   |            |   |   |      |   |   |             |   |   |       |   |   |             |   |   |       |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |      |       |      |   |              |   |   |        |   |   |            |   |   |      |   |   |             |   |   |       |   |   |             |   |   |       |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |        |       |        |   |              |   |   |        |   |   |            |   |   |      |   |   |             |   |   |       |   |   |             |   |   |       |   |
| 8                      | Green                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 6                                                                                                                                                          |                                                                                                                                                                    |                                                                                                                                                             |   |              |   |   |        |   |   |            |   |   |      |   |   |             |   |   |       |   |   |             |   |   |       |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |     |       |      |   |              |   |   |        |   |   |            |   |   |      |   |   |             |   |   |       |   |   |             |   |   |       |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |      |       |      |   |              |   |   |        |   |   |            |   |   |      |   |   |             |   |   |       |   |   |             |   |   |       |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |        |       |        |   |              |   |   |        |   |   |            |   |   |      |   |   |             |   |   |       |   |   |             |   |   |       |   |
| 2                      | White/Brown                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 7                                                                                                                                                          |                                                                                                                                                                    |                                                                                                                                                             |   |              |   |   |        |   |   |            |   |   |      |   |   |             |   |   |       |   |   |             |   |   |       |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |     |       |      |   |              |   |   |        |   |   |            |   |   |      |   |   |             |   |   |       |   |   |             |   |   |       |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |      |       |      |   |              |   |   |        |   |   |            |   |   |      |   |   |             |   |   |       |   |   |             |   |   |       |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |        |       |        |   |              |   |   |        |   |   |            |   |   |      |   |   |             |   |   |       |   |   |             |   |   |       |   |
| 3                      | Brown                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 8                                                                                                                                                          |                                                                                                                                                                    |                                                                                                                                                             |   |              |   |   |        |   |   |            |   |   |      |   |   |             |   |   |       |   |   |             |   |   |       |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |     |       |      |   |              |   |   |        |   |   |            |   |   |      |   |   |             |   |   |       |   |   |             |   |   |       |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |      |       |      |   |              |   |   |        |   |   |            |   |   |      |   |   |             |   |   |       |   |   |             |   |   |       |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |        |       |        |   |              |   |   |        |   |   |            |   |   |      |   |   |             |   |   |       |   |   |             |   |   |       |   |
| M12                    | Color                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | RJ45                                                                                                                                                       |                                                                                                                                                                    |                                                                                                                                                             |   |              |   |   |        |   |   |            |   |   |      |   |   |             |   |   |       |   |   |             |   |   |       |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |     |       |      |   |              |   |   |        |   |   |            |   |   |      |   |   |             |   |   |       |   |   |             |   |   |       |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |      |       |      |   |              |   |   |        |   |   |            |   |   |      |   |   |             |   |   |       |   |   |             |   |   |       |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |        |       |        |   |              |   |   |        |   |   |            |   |   |      |   |   |             |   |   |       |   |   |             |   |   |       |   |
| 6                      | White/Orange                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 1                                                                                                                                                          |                                                                                                                                                                    |                                                                                                                                                             |   |              |   |   |        |   |   |            |   |   |      |   |   |             |   |   |       |   |   |             |   |   |       |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |     |       |      |   |              |   |   |        |   |   |            |   |   |      |   |   |             |   |   |       |   |   |             |   |   |       |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |      |       |      |   |              |   |   |        |   |   |            |   |   |      |   |   |             |   |   |       |   |   |             |   |   |       |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |        |       |        |   |              |   |   |        |   |   |            |   |   |      |   |   |             |   |   |       |   |   |             |   |   |       |   |
| 4                      | Orange                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 2                                                                                                                                                          |                                                                                                                                                                    |                                                                                                                                                             |   |              |   |   |        |   |   |            |   |   |      |   |   |             |   |   |       |   |   |             |   |   |       |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |     |       |      |   |              |   |   |        |   |   |            |   |   |      |   |   |             |   |   |       |   |   |             |   |   |       |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |      |       |      |   |              |   |   |        |   |   |            |   |   |      |   |   |             |   |   |       |   |   |             |   |   |       |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |        |       |        |   |              |   |   |        |   |   |            |   |   |      |   |   |             |   |   |       |   |   |             |   |   |       |   |
| 1                      | White/Blue                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 5                                                                                                                                                          |                                                                                                                                                                    |                                                                                                                                                             |   |              |   |   |        |   |   |            |   |   |      |   |   |             |   |   |       |   |   |             |   |   |       |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |     |       |      |   |              |   |   |        |   |   |            |   |   |      |   |   |             |   |   |       |   |   |             |   |   |       |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |      |       |      |   |              |   |   |        |   |   |            |   |   |      |   |   |             |   |   |       |   |   |             |   |   |       |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |        |       |        |   |              |   |   |        |   |   |            |   |   |      |   |   |             |   |   |       |   |   |             |   |   |       |   |
| 7                      | Blue                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 4                                                                                                                                                          |                                                                                                                                                                    |                                                                                                                                                             |   |              |   |   |        |   |   |            |   |   |      |   |   |             |   |   |       |   |   |             |   |   |       |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |     |       |      |   |              |   |   |        |   |   |            |   |   |      |   |   |             |   |   |       |   |   |             |   |   |       |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |      |       |      |   |              |   |   |        |   |   |            |   |   |      |   |   |             |   |   |       |   |   |             |   |   |       |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |        |       |        |   |              |   |   |        |   |   |            |   |   |      |   |   |             |   |   |       |   |   |             |   |   |       |   |
| 5                      | White/Green                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 3                                                                                                                                                          |                                                                                                                                                                    |                                                                                                                                                             |   |              |   |   |        |   |   |            |   |   |      |   |   |             |   |   |       |   |   |             |   |   |       |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |     |       |      |   |              |   |   |        |   |   |            |   |   |      |   |   |             |   |   |       |   |   |             |   |   |       |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |      |       |      |   |              |   |   |        |   |   |            |   |   |      |   |   |             |   |   |       |   |   |             |   |   |       |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |        |       |        |   |              |   |   |        |   |   |            |   |   |      |   |   |             |   |   |       |   |   |             |   |   |       |   |
| 8                      | Green                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 6                                                                                                                                                          |                                                                                                                                                                    |                                                                                                                                                             |   |              |   |   |        |   |   |            |   |   |      |   |   |             |   |   |       |   |   |             |   |   |       |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |     |       |      |   |              |   |   |        |   |   |            |   |   |      |   |   |             |   |   |       |   |   |             |   |   |       |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |      |       |      |   |              |   |   |        |   |   |            |   |   |      |   |   |             |   |   |       |   |   |             |   |   |       |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |        |       |        |   |              |   |   |        |   |   |            |   |   |      |   |   |             |   |   |       |   |   |             |   |   |       |   |
| 2                      | White/Brown                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 7                                                                                                                                                          |                                                                                                                                                                    |                                                                                                                                                             |   |              |   |   |        |   |   |            |   |   |      |   |   |             |   |   |       |   |   |             |   |   |       |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |     |       |      |   |              |   |   |        |   |   |            |   |   |      |   |   |             |   |   |       |   |   |             |   |   |       |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |      |       |      |   |              |   |   |        |   |   |            |   |   |      |   |   |             |   |   |       |   |   |             |   |   |       |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |        |       |        |   |              |   |   |        |   |   |            |   |   |      |   |   |             |   |   |       |   |   |             |   |   |       |   |
| 3                      | Brown                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 8                                                                                                                                                          |                                                                                                                                                                    |                                                                                                                                                             |   |              |   |   |        |   |   |            |   |   |      |   |   |             |   |   |       |   |   |             |   |   |       |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |     |       |      |   |              |   |   |        |   |   |            |   |   |      |   |   |             |   |   |       |   |   |             |   |   |       |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |      |       |      |   |              |   |   |        |   |   |            |   |   |      |   |   |             |   |   |       |   |   |             |   |   |       |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |        |       |        |   |              |   |   |        |   |   |            |   |   |      |   |   |             |   |   |       |   |   |             |   |   |       |   |
| RJ45                   | Color                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | RJ45                                                                                                                                                       |                                                                                                                                                                    |                                                                                                                                                             |   |              |   |   |        |   |   |            |   |   |      |   |   |             |   |   |       |   |   |             |   |   |       |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |     |       |      |   |              |   |   |        |   |   |            |   |   |      |   |   |             |   |   |       |   |   |             |   |   |       |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |      |       |      |   |              |   |   |        |   |   |            |   |   |      |   |   |             |   |   |       |   |   |             |   |   |       |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |        |       |        |   |              |   |   |        |   |   |            |   |   |      |   |   |             |   |   |       |   |   |             |   |   |       |   |
| 1                      | White/Orange                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 2                                                                                                                                                          |                                                                                                                                                                    |                                                                                                                                                             |   |              |   |   |        |   |   |            |   |   |      |   |   |             |   |   |       |   |   |             |   |   |       |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |     |       |      |   |              |   |   |        |   |   |            |   |   |      |   |   |             |   |   |       |   |   |             |   |   |       |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |      |       |      |   |              |   |   |        |   |   |            |   |   |      |   |   |             |   |   |       |   |   |             |   |   |       |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |        |       |        |   |              |   |   |        |   |   |            |   |   |      |   |   |             |   |   |       |   |   |             |   |   |       |   |
| 2                      | Orange                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 1                                                                                                                                                          |                                                                                                                                                                    |                                                                                                                                                             |   |              |   |   |        |   |   |            |   |   |      |   |   |             |   |   |       |   |   |             |   |   |       |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |     |       |      |   |              |   |   |        |   |   |            |   |   |      |   |   |             |   |   |       |   |   |             |   |   |       |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |      |       |      |   |              |   |   |        |   |   |            |   |   |      |   |   |             |   |   |       |   |   |             |   |   |       |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |        |       |        |   |              |   |   |        |   |   |            |   |   |      |   |   |             |   |   |       |   |   |             |   |   |       |   |
| 5                      | White/Blue                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 4                                                                                                                                                          |                                                                                                                                                                    |                                                                                                                                                             |   |              |   |   |        |   |   |            |   |   |      |   |   |             |   |   |       |   |   |             |   |   |       |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |     |       |      |   |              |   |   |        |   |   |            |   |   |      |   |   |             |   |   |       |   |   |             |   |   |       |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |      |       |      |   |              |   |   |        |   |   |            |   |   |      |   |   |             |   |   |       |   |   |             |   |   |       |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |        |       |        |   |              |   |   |        |   |   |            |   |   |      |   |   |             |   |   |       |   |   |             |   |   |       |   |
| 4                      | Blue                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 5                                                                                                                                                          |                                                                                                                                                                    |                                                                                                                                                             |   |              |   |   |        |   |   |            |   |   |      |   |   |             |   |   |       |   |   |             |   |   |       |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |     |       |      |   |              |   |   |        |   |   |            |   |   |      |   |   |             |   |   |       |   |   |             |   |   |       |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |      |       |      |   |              |   |   |        |   |   |            |   |   |      |   |   |             |   |   |       |   |   |             |   |   |       |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |        |       |        |   |              |   |   |        |   |   |            |   |   |      |   |   |             |   |   |       |   |   |             |   |   |       |   |
| 3                      | White/Green                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 6                                                                                                                                                          |                                                                                                                                                                    |                                                                                                                                                             |   |              |   |   |        |   |   |            |   |   |      |   |   |             |   |   |       |   |   |             |   |   |       |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |     |       |      |   |              |   |   |        |   |   |            |   |   |      |   |   |             |   |   |       |   |   |             |   |   |       |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |      |       |      |   |              |   |   |        |   |   |            |   |   |      |   |   |             |   |   |       |   |   |             |   |   |       |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |        |       |        |   |              |   |   |        |   |   |            |   |   |      |   |   |             |   |   |       |   |   |             |   |   |       |   |
| 6                      | Green                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 3                                                                                                                                                          |                                                                                                                                                                    |                                                                                                                                                             |   |              |   |   |        |   |   |            |   |   |      |   |   |             |   |   |       |   |   |             |   |   |       |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |     |       |      |   |              |   |   |        |   |   |            |   |   |      |   |   |             |   |   |       |   |   |             |   |   |       |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |      |       |      |   |              |   |   |        |   |   |            |   |   |      |   |   |             |   |   |       |   |   |             |   |   |       |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |        |       |        |   |              |   |   |        |   |   |            |   |   |      |   |   |             |   |   |       |   |   |             |   |   |       |   |
| 7                      | White/Brown                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 8                                                                                                                                                          |                                                                                                                                                                    |                                                                                                                                                             |   |              |   |   |        |   |   |            |   |   |      |   |   |             |   |   |       |   |   |             |   |   |       |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |     |       |      |   |              |   |   |        |   |   |            |   |   |      |   |   |             |   |   |       |   |   |             |   |   |       |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |      |       |      |   |              |   |   |        |   |   |            |   |   |      |   |   |             |   |   |       |   |   |             |   |   |       |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |        |       |        |   |              |   |   |        |   |   |            |   |   |      |   |   |             |   |   |       |   |   |             |   |   |       |   |
| 8                      | Brown                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 7                                                                                                                                                          |                                                                                                                                                                    |                                                                                                                                                             |   |              |   |   |        |   |   |            |   |   |      |   |   |             |   |   |       |   |   |             |   |   |       |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |     |       |      |   |              |   |   |        |   |   |            |   |   |      |   |   |             |   |   |       |   |   |             |   |   |       |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |      |       |      |   |              |   |   |        |   |   |            |   |   |      |   |   |             |   |   |       |   |   |             |   |   |       |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |        |       |        |   |              |   |   |        |   |   |            |   |   |      |   |   |             |   |   |       |   |   |             |   |   |       |   |
| RJ-45S                 | Color                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | RJ-45S                                                                                                                                                     |                                                                                                                                                                    |                                                                                                                                                             |   |              |   |   |        |   |   |            |   |   |      |   |   |             |   |   |       |   |   |             |   |   |       |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |     |       |      |   |              |   |   |        |   |   |            |   |   |      |   |   |             |   |   |       |   |   |             |   |   |       |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |      |       |      |   |              |   |   |        |   |   |            |   |   |      |   |   |             |   |   |       |   |   |             |   |   |       |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |        |       |        |   |              |   |   |        |   |   |            |   |   |      |   |   |             |   |   |       |   |   |             |   |   |       |   |
| 1                      | White/Orange                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 3                                                                                                                                                          |                                                                                                                                                                    |                                                                                                                                                             |   |              |   |   |        |   |   |            |   |   |      |   |   |             |   |   |       |   |   |             |   |   |       |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |     |       |      |   |              |   |   |        |   |   |            |   |   |      |   |   |             |   |   |       |   |   |             |   |   |       |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |      |       |      |   |              |   |   |        |   |   |            |   |   |      |   |   |             |   |   |       |   |   |             |   |   |       |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |        |       |        |   |              |   |   |        |   |   |            |   |   |      |   |   |             |   |   |       |   |   |             |   |   |       |   |
| 2                      | Orange                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 6                                                                                                                                                          |                                                                                                                                                                    |                                                                                                                                                             |   |              |   |   |        |   |   |            |   |   |      |   |   |             |   |   |       |   |   |             |   |   |       |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |     |       |      |   |              |   |   |        |   |   |            |   |   |      |   |   |             |   |   |       |   |   |             |   |   |       |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |      |       |      |   |              |   |   |        |   |   |            |   |   |      |   |   |             |   |   |       |   |   |             |   |   |       |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |        |       |        |   |              |   |   |        |   |   |            |   |   |      |   |   |             |   |   |       |   |   |             |   |   |       |   |
| 5                      | White/Blue                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 5                                                                                                                                                          |                                                                                                                                                                    |                                                                                                                                                             |   |              |   |   |        |   |   |            |   |   |      |   |   |             |   |   |       |   |   |             |   |   |       |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |     |       |      |   |              |   |   |        |   |   |            |   |   |      |   |   |             |   |   |       |   |   |             |   |   |       |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |      |       |      |   |              |   |   |        |   |   |            |   |   |      |   |   |             |   |   |       |   |   |             |   |   |       |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |        |       |        |   |              |   |   |        |   |   |            |   |   |      |   |   |             |   |   |       |   |   |             |   |   |       |   |
| 4                      | Blue                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 4                                                                                                                                                          |                                                                                                                                                                    |                                                                                                                                                             |   |              |   |   |        |   |   |            |   |   |      |   |   |             |   |   |       |   |   |             |   |   |       |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |     |       |      |   |              |   |   |        |   |   |            |   |   |      |   |   |             |   |   |       |   |   |             |   |   |       |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |      |       |      |   |              |   |   |        |   |   |            |   |   |      |   |   |             |   |   |       |   |   |             |   |   |       |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |        |       |        |   |              |   |   |        |   |   |            |   |   |      |   |   |             |   |   |       |   |   |             |   |   |       |   |
| 3                      | White/Green                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 1                                                                                                                                                          |                                                                                                                                                                    |                                                                                                                                                             |   |              |   |   |        |   |   |            |   |   |      |   |   |             |   |   |       |   |   |             |   |   |       |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |     |       |      |   |              |   |   |        |   |   |            |   |   |      |   |   |             |   |   |       |   |   |             |   |   |       |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |      |       |      |   |              |   |   |        |   |   |            |   |   |      |   |   |             |   |   |       |   |   |             |   |   |       |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |        |       |        |   |              |   |   |        |   |   |            |   |   |      |   |   |             |   |   |       |   |   |             |   |   |       |   |
| 6                      | Green                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 2                                                                                                                                                          |                                                                                                                                                                    |                                                                                                                                                             |   |              |   |   |        |   |   |            |   |   |      |   |   |             |   |   |       |   |   |             |   |   |       |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |     |       |      |   |              |   |   |        |   |   |            |   |   |      |   |   |             |   |   |       |   |   |             |   |   |       |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |      |       |      |   |              |   |   |        |   |   |            |   |   |      |   |   |             |   |   |       |   |   |             |   |   |       |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |        |       |        |   |              |   |   |        |   |   |            |   |   |      |   |   |             |   |   |       |   |   |             |   |   |       |   |
| 7                      | White/Brown                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 7                                                                                                                                                          |                                                                                                                                                                    |                                                                                                                                                             |   |              |   |   |        |   |   |            |   |   |      |   |   |             |   |   |       |   |   |             |   |   |       |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |     |       |      |   |              |   |   |        |   |   |            |   |   |      |   |   |             |   |   |       |   |   |             |   |   |       |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |      |       |      |   |              |   |   |        |   |   |            |   |   |      |   |   |             |   |   |       |   |   |             |   |   |       |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |        |       |        |   |              |   |   |        |   |   |            |   |   |      |   |   |             |   |   |       |   |   |             |   |   |       |   |
| 8                      | Brown                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 8                                                                                                                                                          |                                                                                                                                                                    |                                                                                                                                                             |   |              |   |   |        |   |   |            |   |   |      |   |   |             |   |   |       |   |   |             |   |   |       |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |     |       |      |   |              |   |   |        |   |   |            |   |   |      |   |   |             |   |   |       |   |   |             |   |   |       |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |      |       |      |   |              |   |   |        |   |   |            |   |   |      |   |   |             |   |   |       |   |   |             |   |   |       |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |        |       |        |   |              |   |   |        |   |   |            |   |   |      |   |   |             |   |   |       |   |   |             |   |   |       |   |
| Face views             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                                                                            |                                                                                                                                                                    |                                                                                                                                                             |   |              |   |   |        |   |   |            |   |   |      |   |   |             |   |   |       |   |   |             |   |   |       |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |     |       |      |   |              |   |   |        |   |   |            |   |   |      |   |   |             |   |   |       |   |   |             |   |   |       |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |      |       |      |   |              |   |   |        |   |   |            |   |   |      |   |   |             |   |   |       |   |   |             |   |   |       |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |        |       |        |   |              |   |   |        |   |   |            |   |   |      |   |   |             |   |   |       |   |   |             |   |   |       |   |
| Part number            | 0985 656 103/...M                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 0985 656 104/...M                                                                                                                                          | 0985 656 500/...M                                                                                                                                                  | 0985 656 504/...M                                                                                                                                           |   |              |   |   |        |   |   |            |   |   |      |   |   |             |   |   |       |   |   |             |   |   |       |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |     |       |      |   |              |   |   |        |   |   |            |   |   |      |   |   |             |   |   |       |   |   |             |   |   |       |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |      |       |      |   |              |   |   |        |   |   |            |   |   |      |   |   |             |   |   |       |   |   |             |   |   |       |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |        |       |        |   |              |   |   |        |   |   |            |   |   |      |   |   |             |   |   |       |   |   |             |   |   |       |   |
| Standard cable lengths | 0.3 M / 0.5 M / 1 M / 2 M / 3 M / 4 M / 5 M / 10 M / 15 M / 20 M                                                                                                                                                                                                                                                                                                                                                                                                                                          | 0.5 M / 1 M / 2 M / 5 M / 10 M / 15 M / 20 M                                                                                                               | 0.3 M / 0.5 M / 1 M / 2 M / 3 M / 4 M / 5 M / 10 M / 15 M / 20 M / 25 M / 30 M / 35 M / 40 M / 45 M / 50 M / 55 M / 60 M / 65 M / 70 M / 75 M / 80 M / 85 M / 90 M | 0.6 M / 1 M / 2 M / 5 M / 10 M / 15 M / 30 M                                                                                                                |   |              |   |   |        |   |   |            |   |   |      |   |   |             |   |   |       |   |   |             |   |   |       |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |     |       |      |   |              |   |   |        |   |   |            |   |   |      |   |   |             |   |   |       |   |   |             |   |   |       |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |      |       |      |   |              |   |   |        |   |   |            |   |   |      |   |   |             |   |   |       |   |   |             |   |   |       |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |        |       |        |   |              |   |   |        |   |   |            |   |   |      |   |   |             |   |   |       |   |   |             |   |   |       |   |

## EtherMATE™ Industrial Ethernet Double-Ended Cord Sets

High-Flex/High Noise, Stranded/Shielded, 24 AWG, PVC Jacket

| Type                              | 0985 656 103                                                                                                                                                                                                                                                                                                                                                                                                                     | 0985 656 104         | 0985 656 500                                                                                                                                                                                                                                                               | 0985 656 504 |
|-----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|
| Degree of protection              | IP67 / IP20                                                                                                                                                                                                                                                                                                                                                                                                                      |                      | IP20                                                                                                                                                                                                                                                                       |              |
| Operating temperature range       | -20°C(-4°F) to +75°C(+167°F)                                                                                                                                                                                                                                                                                                                                                                                                     |                      |                                                                                                                                                                                                                                                                            |              |
| Mechanical                        |                                                                                                                                                                                                                                                                                                                                                                                                                                  |                      |                                                                                                                                                                                                                                                                            |              |
| M12                               |                                                                                                                                                                                                                                                                                                                                                                                                                                  |                      |                                                                                                                                                                                                                                                                            |              |
| Molded body                       | PUR, black                                                                                                                                                                                                                                                                                                                                                                                                                       |                      |                                                                                                                                                                                                                                                                            |              |
| Coupling nut                      | Brass, nickel plated                                                                                                                                                                                                                                                                                                                                                                                                             |                      |                                                                                                                                                                                                                                                                            |              |
| Contacts                          | Brass, gold over nickel plated                                                                                                                                                                                                                                                                                                                                                                                                   |                      |                                                                                                                                                                                                                                                                            |              |
| Insert                            | PUR orange                                                                                                                                                                                                                                                                                                                                                                                                                       |                      |                                                                                                                                                                                                                                                                            |              |
| M12 Receptacle                    |                                                                                                                                                                                                                                                                                                                                                                                                                                  |                      |                                                                                                                                                                                                                                                                            |              |
| Housing                           |                                                                                                                                                                                                                                                                                                                                                                                                                                  | Brass, nickel plated |                                                                                                                                                                                                                                                                            |              |
| Insert                            |                                                                                                                                                                                                                                                                                                                                                                                                                                  | PUR, black           |                                                                                                                                                                                                                                                                            |              |
| Contacts                          |                                                                                                                                                                                                                                                                                                                                                                                                                                  | Brass, gold plated   |                                                                                                                                                                                                                                                                            |              |
| RJ45                              |                                                                                                                                                                                                                                                                                                                                                                                                                                  |                      |                                                                                                                                                                                                                                                                            |              |
| Housing                           | Pre-tinned copper alloy                                                                                                                                                                                                                                                                                                                                                                                                          |                      |                                                                                                                                                                                                                                                                            |              |
| Insert                            | Clear polycarbonate                                                                                                                                                                                                                                                                                                                                                                                                              |                      |                                                                                                                                                                                                                                                                            |              |
| Contacts                          | 50 μ" gold in contact area over nickel plating                                                                                                                                                                                                                                                                                                                                                                                   |                      |                                                                                                                                                                                                                                                                            |              |
| Cable specifications              |                                                                                                                                                                                                                                                                                                                                                                                                                                  |                      |                                                                                                                                                                                                                                                                            |              |
| Cable jacket                      | PVC, (sun and oil resistant)                                                                                                                                                                                                                                                                                                                                                                                                     |                      |                                                                                                                                                                                                                                                                            |              |
| Color                             | Teal                                                                                                                                                                                                                                                                                                                                                                                                                             |                      |                                                                                                                                                                                                                                                                            |              |
| Overall diameter                  | 7.77mm, nominal                                                                                                                                                                                                                                                                                                                                                                                                                  |                      |                                                                                                                                                                                                                                                                            |              |
| Conductor                         | 24 AWG, 7 strands tinned copper                                                                                                                                                                                                                                                                                                                                                                                                  |                      |                                                                                                                                                                                                                                                                            |              |
| Number of pairs                   | 4                                                                                                                                                                                                                                                                                                                                                                                                                                |                      |                                                                                                                                                                                                                                                                            |              |
| Insulation                        | Polyethylene                                                                                                                                                                                                                                                                                                                                                                                                                     |                      |                                                                                                                                                                                                                                                                            |              |
| Foil shield                       | Aluminum/polypropylene tape, 100% coverage                                                                                                                                                                                                                                                                                                                                                                                       |                      |                                                                                                                                                                                                                                                                            |              |
| Braided shield                    | Tinned copper, 65% coverage                                                                                                                                                                                                                                                                                                                                                                                                      |                      |                                                                                                                                                                                                                                                                            |              |
| EMI protection                    | 50 dB @ 0.772 MHz - 1000 MHz                                                                                                                                                                                                                                                                                                                                                                                                     |                      |                                                                                                                                                                                                                                                                            |              |
| Agency approval                   | ETL rated CMR                                                                                                                                                                                                                                                                                                                                                                                                                    |                      |                                                                                                                                                                                                                                                                            |              |
| Cable type                        | CAT5, high flex / high noise (0985 656 500/504 CAT5e)                                                                                                                                                                                                                                                                                                                                                                            |                      |                                                                                                                                                                                                                                                                            |              |
| Safety Voltage Rating (for cable) |                                                                                                                                                                                                                                                                                                                                                                                                                                  |                      |                                                                                                                                                                                                                                                                            |              |
| Characteristics                   |                                                                                                                                                                                                                                                                                                                                                                                                                                  |                      |                                                                                                                                                                                                                                                                            |              |
|                                   | <div></div> <div>NOTE: Vibration &amp; Oil Resistant applies to M12 side only.</div> |                      | <div></div> |              |
| Recommended panel cut out         |                                                                                                                                                                                                                                                                                                                                                                                                                                  |                      |                                                                                                                                                                                                                                                                            |              |
|                                   | <div></div>                                                                                                                                                                                                                                          |                      |                                                                                                                                                                                                                                                                            |              |

The application of these products in harsh environments should always be checked before use.  
 Specifications subject to alteration.

Компания «Океан Электроники» предлагает заключение долгосрочных отношений при поставках импортных электронных компонентов на взаимовыгодных условиях!

Наши преимущества:

- Поставка оригинальных импортных электронных компонентов напрямую с производств Америки, Европы и Азии, а так же с крупнейших складов мира;
- Широкая линейка поставок активных и пассивных импортных электронных компонентов (более 30 млн. наименований);
- Поставка сложных, дефицитных, либо снятых с производства позиций;
- Оперативные сроки поставки под заказ (от 5 рабочих дней);
- Экспресс доставка в любую точку России;
- Помощь Конструкторского Отдела и консультации квалифицированных инженеров;
- Техническая поддержка проекта, помощь в подборе аналогов, поставка прототипов;
- Поставка электронных компонентов под контролем ВП;
- Система менеджмента качества сертифицирована по Международному стандарту ISO 9001;
- При необходимости вся продукция военного и аэрокосмического назначения проходит испытания и сертификацию в лаборатории (по согласованию с заказчиком);
- Поставка специализированных компонентов военного и аэрокосмического уровня качества (Xilinx, Altera, Analog Devices, Intersil, Interpoint, Microsemi, Actel, Aeroflex, Peregrine, VPT, Syfer, Eurofarad, Texas Instruments, MS Kennedy, Miteq, Cobham, E2V, MA-COM, Hittite, Mini-Circuits, General Dynamics и др.);

Компания «Океан Электроники» является официальным дистрибьютором и эксклюзивным представителем в России одного из крупнейших производителей разъемов военного и аэрокосмического назначения «JONHON», а так же официальным дистрибьютором и эксклюзивным представителем в России производителя высокотехнологичных и надежных решений для передачи СВЧ сигналов «FORSTAR».



## JONHON

«JONHON» (основан в 1970 г.)

Разъемы специального, военного и аэрокосмического назначения:

(Применяются в военной, авиационной, аэрокосмической, морской, железнодорожной, горно- и нефтедобывающей отраслях промышленности)

«FORSTAR» (основан в 1998 г.)

ВЧ соединители, коаксиальные кабели,  
кабельные сборки и микроволновые компоненты:

(Применяются в телекоммуникациях гражданского и специального назначения, в средствах связи, РЛС, а так же военной, авиационной и аэрокосмической отраслях промышленности).



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