

A. System Overview



## Flex Conductor, Two-Hole, Standard Barrel with Window Lug

B1. Cable Ties

**For Use with Flexible, Extra-Flexible, and Code Stranded Copper Conductors**

### Type LCDX

B2. Cable Accessories

- Can be used with code conductor and flex conductor class: G, H, I, K, M and Diesel Locomotive
- Generously beveled wire entry prevents bent back strands when inserting conductor into barrel
- Color-coded barrels marked with Panduit and specified competitor die index numbers for proper crimp die selection
- Inspection window to visually assure full conductor insertion
- Tin-plated to inhibit corrosion
- UL Listed and CSA Certified to 35 KV\*\* and temperature rated to 90°C when crimped with Panduit and specified competitor crimping tools and dies
- American Bureau of Shipping approved
- Available with NEMA hole sizes and spacing

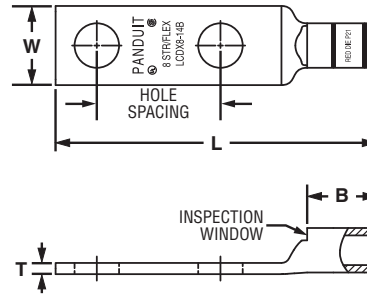
B3. Stainless Steel Ties

C1. Wiring Duct



C2. Surface Raceway

C3. Abrasion Protection



C4. Cable Management

| Part Number  | Flex Conductor Size |                   | Code Conductor Size | Stud Hole Size (In.) | Stud Hole Spacing (In.) | Figure Dimensions (In.) |     |     |      | Panduit Color Code | Panduit Die Index No.‡ | Burndy Die Index No.‡ | T&B Die Index No.‡ | Wire Strip Length (In.) | Std. Pkg. Qty. |
|--------------|---------------------|-------------------|---------------------|----------------------|-------------------------|-------------------------|-----|-----|------|--------------------|------------------------|-----------------------|--------------------|-------------------------|----------------|
|              | Class G, H, I, K, M | Diesel Locomotive |                     |                      |                         | W                       | B   | T   | L    |                    |                        |                       |                    |                         |                |
| LCDX8-10A-L  |                     |                   |                     | #10                  | .63                     | .41                     | .42 | .08 | 1.74 | Red                | P21                    | 49                    | 21                 | 1/2                     | 50             |
| LCDX8-14A-L  |                     |                   |                     | 1/4                  | .63                     | .48                     | .42 | .07 | 1.83 | Red                | P21                    | 49                    | 21                 | 1/2                     | 50             |
| LCDX8-14B-L  | #8 AWG              | #8 AWG            | #8 AWG              | 1/4                  | .75                     | .48                     | .42 | .07 | 1.95 | Red                | P21                    | 49                    | 21                 | 1/2                     | 50             |
| LCDX8-14D-L  |                     |                   |                     | 1/4                  | 1.00                    | .48                     | .42 | .07 | 2.20 | Red                | P21                    | 49                    | 21                 | 1/2                     | 50             |
| LCDX8-38D-L  |                     |                   |                     | 3/8                  | 1.00                    | .60                     | .42 | .05 | 2.42 | Red                | P21                    | 49                    | 21                 | 1/2                     | 50             |
| LCDX6-10A-L  |                     |                   |                     | #10                  | .63                     | .46                     | .48 | .08 | 1.82 | Blue               | P24                    | 7                     | 24                 | 9/16                    | 50             |
| LCDX6-10B-L  |                     |                   |                     | #10                  | .75                     | .46                     | .48 | .08 | 1.94 | Blue               | P24                    | 7                     | 24                 | 9/16                    | 50             |
| LCDX6-10G-L  |                     |                   |                     | #10                  | 1.50                    | .46                     | .48 | .08 | 2.69 | Blue               | P24                    | 7                     | 24                 | 9/16                    | 50             |
| LCDX6-10P-L  |                     |                   |                     | #10                  | .69                     | .46                     | .48 | .08 | 1.88 | Blue               | P24                    | 7                     | 24                 | 9/16                    | 50             |
| LCDX6-14A-L  | #6 AWG              | #6 AWG            | #6 AWG              | 1/4                  | .63                     | .48                     | .48 | .08 | 1.91 | Blue               | P24                    | 7                     | 24                 | 9/16                    | 50             |
| LCDX6-14B-L  |                     |                   |                     | 1/4                  | .75                     | .48                     | .48 | .08 | 2.03 | Blue               | P24                    | 7                     | 24                 | 9/16                    | 50             |
| LCDX6-14D-L  |                     |                   |                     | 1/4                  | 1.00                    | .48                     | .48 | .08 | 2.28 | Blue               | P24                    | 7                     | 24                 | 9/16                    | 50             |
| LCDX6-56D-L  |                     |                   |                     | 5/16                 | 1.00                    | .56                     | .48 | .07 | 2.40 | Blue               | P24                    | 7                     | 24                 | 9/16                    | 50             |
| LCDX6-38D-L  |                     |                   |                     | 3/8                  | 1.00                    | .62                     | .48 | .06 | 2.50 | Blue               | P24                    | 7                     | 24                 | 9/16                    | 50             |
| LCDX4-14A-L  |                     |                   |                     | 1/4                  | .63                     | .55                     | .53 | .09 | 1.98 | Gray               | P29                    | 8                     | 29                 | 5/8                     | 50             |
| LCDX4-14B-L  |                     |                   |                     | 1/4                  | .75                     | .55                     | .53 | .09 | 2.10 | Gray               | P29                    | 8                     | 29                 | 5/8                     | 50             |
| LCDX4-14D-L  | #4 AWG              | #5, #4, #3 AWG    | #4 AWG              | 1/4                  | 1.00                    | .55                     | .53 | .09 | 2.35 | Gray               | P29                    | 8                     | 29                 | 5/8                     | 50             |
| LCDX4-56D-L  |                     |                   |                     | 5/16                 | 1.00                    | .55                     | .53 | .09 | 2.47 | Gray               | P29                    | 8                     | 29                 | 5/8                     | 50             |
| LCDX4-38D-L  |                     |                   |                     | 3/8                  | 1.00                    | .62                     | .53 | .08 | 2.57 | Gray               | P29                    | 8                     | 29                 | 5/8                     | 50             |
| LCDX2-14A-E* |                     |                   |                     | 1/4                  | .63                     | .70                     | .59 | .11 | 2.13 | Brown              | P33                    | 10                    | 33                 | 11/16                   | 20             |
| LCDX2-14B-E* |                     |                   |                     | 1/4                  | .75                     | .70                     | .59 | .11 | 2.25 | Brown              | P33                    | 10                    | 33                 | 11/16                   | 20             |
| LCDX2-14D-E* |                     |                   |                     | 1/4                  | 1.00                    | .70                     | .59 | .11 | 2.50 | Brown              | P33                    | 10                    | 33                 | 11/16                   | 20             |
| LCDX2-56D-E* | #2 AWG              | #2 AWG            | #2 AWG              | 5/16                 | 1.00                    | .70                     | .59 | .11 | 2.63 | Brown              | P33                    | 10                    | 33                 | 11/16                   | 20             |
| LCDX2-38D-E* |                     |                   |                     | 3/8                  | 1.00                    | .70                     | .59 | .11 | 2.70 | Brown              | P33                    | 10                    | 33                 | 11/16                   | 20             |
| LCDX2-12-E*  |                     |                   |                     | 1/2                  | 1.75                    | .75                     | .59 | .09 | 3.87 | Brown              | P33                    | 10                    | 33                 | 11/16                   | 20             |
| LCDX1-14A-X  |                     |                   |                     | 1/4                  | .63                     | .76                     | .66 | .12 | 2.29 | Green              | P37                    | 11                    | 37                 | 3/4                     | 10             |
| LCDX1-14B-X  |                     |                   |                     | 1/4                  | .75                     | .76                     | .66 | .12 | 2.42 | Green              | P37                    | 11                    | 37                 | 3/4                     | 10             |
| LCDX1-14D-X  |                     |                   |                     | 1/4                  | 1.00                    | .76                     | .66 | .12 | 2.67 | Green              | P37                    | 11                    | 37                 | 3/4                     | 10             |
| LCDX1-56D-X  | #1 AWG              | #1 AWG            | #1 AWG              | 5/16                 | 1.00                    | .76                     | .66 | .12 | 2.72 | Green              | P37                    | 11                    | 37                 | 3/4                     | 10             |
| LCDX1-38D-X  |                     |                   |                     | 3/8                  | 1.00                    | .76                     | .66 | .12 | 2.80 | Green              | P37                    | 11                    | 37                 | 3/4                     | 10             |
| LCDX1-12-X   |                     |                   |                     | 1/2                  | 1.75                    | .80                     | .66 | .12 | 3.97 | Green              | P37                    | 11                    | 37                 | 3/4                     | 10             |

‡See pages D3.70 – D3.73 for tool and die information.

\*Not UL Listed or CSA Certified with Class K flex conductor when crimped with Burndy tools.

\*\*Consult cable manufacturer for voltage stress relief instructions with applications greater than 2000 V.

◆NEMA hole sizes and spacing.

F. Index

# PANDUIT® ELECTRICAL SOLUTIONS



## Flex Conductor, Two-Hole, Standard Barrel with Window Lug (continued)

| Part Number   | Flex Conductor Size |                   | Code Conductor Size | Stud Hole Size (In.) | Stud Hole Spacing (In.) | Figure Dimensions (In.) |        |      |      | Panduit Color Code | Panduit Die Index No.‡ | Burndy Die Index No.‡ | T&B Die Index No.‡ | Wire Strip Length (In.) | Std. Pkg. Qty. |    |        |    |
|---------------|---------------------|-------------------|---------------------|----------------------|-------------------------|-------------------------|--------|------|------|--------------------|------------------------|-----------------------|--------------------|-------------------------|----------------|----|--------|----|
|               | Class G, H, I, K, M | Diesel Locomotive |                     |                      |                         | W                       | B      | T    | L    |                    |                        |                       |                    |                         |                |    |        |    |
| LCDX1/0-14A-X | 1/0 AWG             | 1/0 AWG           | 1/0 AWG             | 1/4                  | .63                     | .85                     | .72    | .13  | 2.45 | Pink               | P42                    | 12                    | 42                 | 3/4                     | 10             |    |        |    |
| LCDX1/0-14B-X |                     |                   |                     | 1/4                  | .75                     | .85                     | .72    | .13  | 2.57 | Pink               | P42                    | 12                    | 42                 | 3/4                     | 10             |    |        |    |
| LCDX1/0-56B-X |                     |                   |                     | 5/16                 | .75                     | .85                     | .72    | .13  | 2.57 | Pink               | P42                    | 12                    | 42                 | 3/4                     | 10             |    |        |    |
| LCDX1/0-56D-X |                     |                   |                     | 5/16                 | 1.00                    | .85                     | .72    | .13  | 2.82 | Pink               | P42                    | 12                    | 42                 | 3/4                     | 10             |    |        |    |
| LCDX1/0-38D-X |                     |                   |                     | 3/8                  | 1.00                    | .85                     | .72    | .13  | 2.89 | Pink               | P42                    | 12                    | 42                 | 3/4                     | 10             |    |        |    |
| LCDX1/0-12D-X |                     |                   |                     | 1/2                  | 1.00                    | .85                     | .72    | .13  | 3.14 | Pink               | P42                    | 12                    | 42                 | 3/4                     | 10             |    |        |    |
| LCDX1/0-12-X  |                     |                   |                     | 1/2                  | 1.75                    | .85                     | .72    | .13  | 4.05 | Pink               | P42                    | 12                    | 42                 | 3/4                     | 10             |    |        |    |
| LCDX2/0-14A-X | 2/0 AWG             | 2/0 AWG           | 2/0 AWG             | 1/4                  | .63                     | .96                     | .83    | .13  | 2.59 | Black              | P45                    | 13                    | 45                 | 7/8                     | 10             |    |        |    |
| LCDX2/0-14B-X |                     |                   |                     | 1/4                  | .75                     | .96                     | .83    | .13  | 2.72 | Black              | P45                    | 13                    | 45                 | 7/8                     | 10             |    |        |    |
| LCDX2/0-56D-X |                     |                   |                     | 5/16                 | 1.00                    | .96                     | .83    | .13  | 2.97 | Black              | P45                    | 13                    | 45                 | 7/8                     | 10             |    |        |    |
| LCDX2/0-38D-X |                     |                   |                     | 3/8                  | 1.00                    | .96                     | .83    | .13  | 3.03 | Black              | P45                    | 13                    | 45                 | 7/8                     | 10             |    |        |    |
| LCDX2/0-12D-X |                     |                   |                     | 1/2                  | 1.00                    | .96                     | .83    | .13  | 3.28 | Black              | P45                    | 13                    | 45                 | 7/8                     | 10             |    |        |    |
| LCDX2/0-12-X  |                     |                   |                     | 1/2                  | 1.75                    | .96                     | .83    | .13  | 4.19 | Black              | P45                    | 13                    | 45                 | 7/8                     | 10             |    |        |    |
| LCDX3/0-14A-X |                     |                   |                     | 3/0 AWG              | 3/0 AWG                 | 3/0 AWG                 | 1/4    | .63  | 1.06 | .91                | .14                    | 2.71                  | Orange             | P50                     | 14             | 50 | 1      | 10 |
| LCDX3/0-56D-X | 5/16                | 1.00              | 1.06                |                      |                         |                         | .91    | .14  | 3.10 | Orange             | P50                    | 14                    | 50                 | 1                       | 10             |    |        |    |
| LCDX3/0-38D-X | 3/8                 | 1.00              | 1.06                |                      |                         |                         | .91    | .14  | 3.17 | Orange             | P50                    | 14                    | 50                 | 1                       | 10             |    |        |    |
| LCDX3/0-12-X  | 1/2                 | 1.75              | 1.06                |                      |                         |                         | .91    | .14  | 4.31 | Orange             | P50                    | 14                    | 50                 | 1                       | 10             |    |        |    |
| LCDX4/0-14A-X | 4/0 AWG             | 4/0 AWG           | 4/0 AWG             |                      |                         |                         | 1/4    | .63  | 1.19 | 1.03               | .16                    | 2.74                  | Purple             | P54                     | 15             | 54 | 1 1/16 | 10 |
| LCDX4/0-14B-X |                     |                   |                     |                      |                         |                         | 1/4    | .75  | 1.19 | 1.03               | .16                    | 2.96                  | Purple             | P54                     | 15             | 54 | 1 1/16 | 10 |
| LCDX4/0-56D-X |                     |                   |                     |                      |                         |                         | 5/16   | 1.00 | 1.19 | 1.03               | .16                    | 3.31                  | Purple             | P54                     | 15             | 54 | 1 1/16 | 10 |
| LCDX4/0-38D-X |                     |                   |                     | 3/8                  | 1.00                    | 1.19                    | 1.03   | .16  | 3.34 | Purple             | P54                    | 15                    | 54                 | 1 1/16                  | 10             |    |        |    |
| LCDX4/0-12D-X |                     |                   |                     | 1/2                  | 1.00                    | 1.19                    | 1.03   | .16  | 3.61 | Purple             | P54                    | 15                    | 54                 | 1 1/16                  | 10             |    |        |    |
| LCDX4/0-12E-X |                     |                   |                     | 1/2                  | 1.25                    | 1.19                    | 1.03   | .16  | 3.89 | Purple             | P54                    | 15                    | 54                 | 1 1/16                  | 10             |    |        |    |
| LCDX4/0-12-X  |                     |                   |                     | 1/2                  | 1.75                    | 1.19                    | 1.03   | .16  | 4.52 | Purple             | P54                    | 15                    | 54                 | 1 1/16                  | 10             |    |        |    |
| LCDX250-38D-X | 250 kcmil           | 262.6 kcmil       | —                   | 3/8                  | 1.00                    | 1.28                    | 1.03   | .17  | 3.38 | Yellow             | P62                    | 16                    | 62                 | 1 1/16                  | 10             |    |        |    |
| LCDX250-38-X  |                     |                   |                     | 3/8                  | 1.75                    | 1.28                    | 1.03   | .17  | 4.13 | Yellow             | P62                    | 16                    | 62                 | 1 1/16                  | 10             |    |        |    |
| LCDX250-12E-X |                     |                   |                     | 1/2                  | 1.25                    | 1.28                    | 1.03   | .17  | 3.93 | Yellow             | P62                    | 16                    | 62                 | 1 1/16                  | 10             |    |        |    |
| LCDX250-12-X  |                     |                   |                     | 1/2                  | 1.75                    | 1.28                    | 1.03   | .17  | 4.56 | Yellow             | P62                    | 16                    | 62                 | 1 1/16                  | 10             |    |        |    |
| LCDX300-38D-6 | 300 kcmil           | 313.1 kcmil       | —                   | 3/8                  | 1.00                    | 1.39                    | 1.19   | .18  | 3.56 | Red                | P71                    | 18                    | 71H                | 1 1/4                   | 6              |    |        |    |
| LCDX300-12-6  |                     |                   |                     | 1/2                  | 1.75                    | 1.39                    | 1.19   | .18  | 4.74 | Red                | P71                    | 18                    | 71H                | 1 1/4                   | 6              |    |        |    |
| LCDX350-56D-6 | 350 kcmil           | 373.7 kcmil       | —                   | 5/16                 | 1.00                    | 1.54                    | 1.29   | .22  | 3.71 | Blue               | P76                    | 19                    | 76H                | 1 3/8                   | 6              |    |        |    |
| LCDX350-38D-6 |                     |                   |                     | 3/8                  | 1.00                    | 1.54                    | 1.29   | .22  | 3.74 | Blue               | P76                    | 19                    | 76H                | 1 3/8                   | 6              |    |        |    |
| LCDX350-38-6  |                     |                   |                     | 3/8                  | 1.75                    | 1.54                    | 1.29   | .22  | 4.49 | Blue               | P76                    | 19                    | 76H                | 1 3/8                   | 6              |    |        |    |
| LCDX350-12E-6 |                     |                   |                     | 1/2                  | 1.25                    | 1.54                    | 1.29   | .22  | 4.29 | Blue               | P76                    | 19                    | 76H                | 1 3/8                   | 6              |    |        |    |
| LCDX350-12-6  | 450 kcmil           | 444.4 kcmil       | —                   | 1/2                  | 1.75                    | 1.54                    | 1.29   | .22  | 4.92 | Blue               | P76                    | 19                    | 76H                | 1 3/8                   | 6              |    |        |    |
| LCDX450-38D-6 |                     |                   |                     | 3/8                  | 1.00                    | 1.70                    | 1.40   | .26  | 3.90 | Brown              | P87                    | 20                    | 87H                | 1 7/16                  | 6              |    |        |    |
| LCDX450-12-6  |                     |                   |                     | 1/2                  | 1.75                    | 1.70                    | 1.40   | .26  | 5.08 | Brown              | P87                    | 20                    | 87H                | 1 7/16                  | 6              |    |        |    |
| LCDX500-56D-6 | 500 kcmil           | 535.3 kcmil       | —                   | 5/16                 | 1.00                    | 1.89                    | 1.48   | .26  | 4.05 | Pink               | P99                    | L99                   | 99H                | 1 9/16                  | 6              |    |        |    |
| LCDX500-38D-6 |                     |                   |                     | 3/8                  | 1.00                    | 1.89                    | 1.48   | .26  | 4.08 | Pink               | P99                    | L99                   | 99H                | 1 9/16                  | 6              |    |        |    |
| LCDX500-12E-6 |                     |                   |                     | 1/2                  | 1.25                    | 1.89                    | 1.48   | .26  | 4.76 | Pink               | P99                    | L99                   | 99H                | 1 9/16                  | 6              |    |        |    |
| LCDX500-12-6  |                     |                   |                     | 1/2                  | 1.75                    | 1.89                    | 1.48   | .26  | 5.26 | Pink               | P99                    | L99                   | 99H                | 1 9/16                  | 6              |    |        |    |
| LCDX600-12-6  | 600 kcmil           | —                 | —                   | 1/2                  | 1.75                    | 1.89                    | 1.48   | .26  | 5.26 | Pink               | P99                    | 400                   | 99H                | 1 9/16                  | 6              |    |        |    |
| LCDX650-38D-6 | —                   | 646.4 kcmil       | —                   | 3/8                  | 1.00                    | 1.95                    | 1.45   | .30  | 4.08 | Black              | P106                   | 24                    | 106H               | 1 1/2                   | 6              |    |        |    |
| LCDX650-12-6  |                     |                   |                     | 1/2                  | 1.75                    | 1.95                    | 1.45   | .30  | 5.26 | Black              | P106                   | 24                    | 106H               | 1 1/2                   | 6              |    |        |    |
| LCDX750-38D-3 | —                   | 777.7 kcmil       | —                   | 3/8                  | 1.00                    | 2.17                    | 1.66   | .32  | 4.62 | Yellow             | P115                   | L115                  | 115H               | 1 3/4                   | 3              |    |        |    |
| LCDX750-12E-3 |                     |                   |                     | 1/2                  | 1.25                    | 2.17                    | 1.66   | .32  | 5.06 | Yellow             | P115                   | L115                  | 115H               | 1 3/4                   | 3              |    |        |    |
| LCDX750-12G-3 |                     |                   |                     | 1/2                  | 1.50                    | 2.17                    | 1.66   | .32  | 5.31 | Yellow             | P115                   | L115                  | 115H               | 1 3/4                   | 3              |    |        |    |
| LCDX750-12-3  |                     |                   |                     | 1/2                  | 1.75                    | 2.17                    | 1.66   | .32  | 5.56 | Yellow             | P115                   | L115                  | 115H               | 1 3/4                   | 3              |    |        |    |
| LCDX750-58G-3 | 5/8                 | 1.50              | 2.17                | 1.66                 | .32                     | 5.37                    | Yellow | P115 | L115 | 115H               | 1 3/4                  | 3                     |                    |                         |                |    |        |    |

‡See pages D3.70 – D3.73 for tool and die information.

\*Not UL Listed or CSA Certified with Class K flex conductor when crimped with Burndy tools.

\*\*Consult cable manufacturer for voltage stress relief instructions with applications greater than 2000 V.

◆NEMA hole sizes and spacing.

A.  
System Overview

B1.  
Cable Ties

B2.  
Cable Accessories

B3.  
Stainless Steel Ties

C1.  
Wiring Duct

C2.  
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C3.  
Abrasion Protection

C4.  
Cable Management

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D2.  
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Lockout/Tagout & Safety Solutions

F.  
Index

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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