



---

Amphenol Sine Systems

# Motion | Grade™

Connectors & Cables

MOTION CONTROL CABLE ASSEMBLIES & ACCESSORIES  
for Rockwell Automation-compatible Products

## Who Are We?

We are Amphenol Sine Systems.

We are a global leader in providing you with interconnection options and solutions.

We fulfill the needs of Industrial, Factory Automation, Heavy Duty and Custom-design markets.

Amphenol Sine Systems, with its 42 year history, 325+ employees worldwide and 3 global facilities, draws on the extensive worldwide resources of Amphenol Corporation to find solutions for our customers. Our engineers design innovative combinations of industry standard connectors and application specific shielding components to create assembly systems that set the standards for performance, reliability, and cost effectiveness. Our engineering, materials, and manufacturing organizations meet the high standards imposed by ISO 9001 as well as many customer specific quality systems. Our performance has earned us ship to stock and world class performance awards from many major OEMs.



Amphenol Sine Systems is a division of **Amphenol Corporation** ([www.amphenol.com](http://www.amphenol.com)), one of the largest interconnect solution suppliers in the world. Amphenol Corporation supplies a wide range of product solutions worldwide. Amphenol Corporation, and all its subsidiaries, design, manufacture and market electrical, electronic and fiber-optic connectors, interconnect systems and coaxial and specialty cable. Amphenol has a diversified presence in high growth markets including: Information Technology and Data Communications Equipment, Mobile Devices, Mobile Networks, Broadband Communication, Military and Commercial Aerospace, Industrial and Automotive.

This booklet contains compatibility tables, dimensions, specifications and catalog numbers for the accessories that Amphenol Sine Systems offer, specific to the Rockwell Automotive Kinetix Motion Control drive product lines.

- 2093 Kinetix 2000 Multi-axis Servo Drives
- 2094 Kinetix 6000 Multi-axis Servo Drives
- 2099 Kinetix 7000 High Power Servo Drives
- 2098 Ultra3000 Digital Servo Drives
- 2098 Ultra5000 Intelligent Positioning Drives
- 2092 Ultra1500 Digital Servo Drives

|   | Page  |
|---|-------|
| Table of Contents.....  | 1     |
| MP-Series 230V-460V Motor.....                                  | 2     |
| MP-Series 460V to 1394 Motor.....                               | 2     |
| MPF-Series 230V-460V Food Grade and Stainless Steel Motors..... | 3     |
| TL-Series Motor.....  | 3     |
| F-Series Motor.....   | 4     |
| N-Series Motor.....   | 4     |
| 1326AB 460V Motor.....  | 5     |
| Y-Series Motor.....   | 6     |
| Interface Cable Combinations.....                               | 6     |
| Panel-Mounted Breakout Boards, Cables and Kits.....             | 6     |
| Drive-Mounted Breakout Boards.....                              | 7     |
| Cable Illustrations and Part Numbers.....                       | 7-16  |
| Interface Cable Illustrations and Part Numbers.....             | 17-18 |
| Panel-Mounted Breakout Cable Assemblies and Part Numbers.....   | 18    |

All references to Kinetix 6000/7000 and Ultra 1500/3000/5000 are registered products of Rockwell Automation, Inc. and should include either a registered or trademarked symbol, as follows: **Allen-Bradley®**, **Kinetix® 6000/7000**, and **Ultra™ 1500/3000/5000**.

## MP-Series

### 230V-460V Motor

#### Feedback Cables

| RA Catalog Number | Amphenol Sine Systems Compatible Part Numbers  |                          |                                    |                 |                   |
|-------------------|--|--------------------------|------------------------------------|-----------------|-------------------|
| Static Cable      |  Static Cable | Continuous Flexing Cable | Continuous Flexing Extension Cable | Bulk Flex Cable | Bulk Static Cable |
| 2090-XXNFMP-SXX   | P29256-MXX   | P28438-MXX               | P28126-MXX                         | KA-56312        | KA-56133          |
| 2090-UXNFBMP-SXX  | P29257-MXX   | P28439-MXX               |                                    |                 |                   |

#### Power Cables

| RA Catalog Number | Amphenol Sine Systems Compatible Part Numbers |                          |                                    |                 |                   |
|-------------------|---|--------------------------|------------------------------------|-----------------|-------------------|
| Static Cable      | Static Cable                                  | Continuous Flexing Cable | Continuous Flexing Extension Cable | Bulk Flex Cable | Bulk Static Cable |
| 2090-XXNPMP-16SXX | P27599-MXX                                    | P28435-MXX               | P28129-MXX                         | KA-56313        | KA-56028          |
| 2090-XXNPMP-14SXX | P27600-MXX                                    | P28436-MXX               | P28128-MXX                         | KA-56314        | KA-56029          |
| 2090-XXNPMP-10SXX | P28169-MXX                                    | P28437-MXX               | P28130-MXX                         | KA-56315        | KA-56030          |
| 2090-XXNPMP-8SXX  | P28170-MXX                                    | *                        | *                                  | *               | KA-56075          |

#### Brake Cables

| RA Catalog Number | Amphenol Sine Systems Compatible Part Numbers |                          |                                    |                 |                   |
|-------------------|---|--------------------------|------------------------------------|-----------------|-------------------|
| Static Cable      | Static Cable                                  | Continuous Flexing Cable | Continuous Flexing Extension Cable | Bulk Flex Cable | Bulk Static Cable |
| 2090-UXNBMP-18SXX | P27228-MXX                                    | P28114-MXX               | P28131-MXX                         | KA-56055        | KA-56054          |

### 460V to 1394 Motor

#### Feedback Cables

| RA Catalog Number | Amphenol Sine Systems Compatible Part Numbers |                          |                                    |                 |                   |
|-------------------|---|--------------------------|------------------------------------|-----------------|-------------------|
| Static Cable      | Static Cable                                  | Continuous Flexing Cable | Continuous Flexing Extension Cable | Bulk Flex Cable | Bulk Static Cable |
| 2090-CDNFDMP-SXX  | P26983-MXX                                    | *                        | *                                  | *               | KA-50610          |

#### Power Cables

| RA Catalog Number  | Amphenol Sine Systems Compatible Part Numbers |                          |                                    |                 |                   |
|--------------------|---|--------------------------|------------------------------------|-----------------|-------------------|
| Static Cable       | Static Cable                                  | Continuous Flexing Cable | Continuous Flexing Extension Cable | Bulk Flex Cable | Bulk Static Cable |
| 2090-CDNPBMP-16SXX | P27264-MXX                                    | *                        | *                                  | KA-56313        | KA-56028          |
| 2090-CDNPBMP-14SXX | P27268-MXX                                    | *                        | *                                  | KA-56314        | KA-56029          |
| 2090-CDNPBMP-10SXX | P27262-MXX                                    | *                        | *                                  | KA-56315        | KA-56030          |

#### Brake Cables

| RA Catalog Number | Amphenol Sine Systems Compatible Part Numbers |                          |                                    |                 |                   |
|-------------------|---|--------------------------|------------------------------------|-----------------|-------------------|
| Static Cable      | Static Cable                                  | Continuous Flexing Cable | Continuous Flexing Extension Cable | Bulk Flex Cable | Bulk Static Cable |
| 2090-UXNBMP-18SXX | P27228-MXX                                    | P28114-MXX               | P28131-MXX                         | KA-56055        | KA-56054          |

## MPF-Series

### 230V-460V Food Grade and Stainless Steel Motors

#### Feedback Cables

| RA Catalog Number | Amphenol Sine Systems Compatible Part Numbers |                          |                                    |                 |                   |
|-------------------|---|--------------------------|------------------------------------|-----------------|-------------------|
| Static Cable      | Static Cable                                  | Continuous Flexing Cable | Continuous Flexing Extension Cable | Bulk Flex Cable | Bulk Static Cable |
| 2090-XXNFMF-SXX   | P29166-MXX                                    | P28123-MXX               | P28140-MXX                         | KA-56254        | KA-56133          |

#### POWER cables

| RA Catalog Number | Amphenol Sine Systems Compatible Part Numbers |                          |                                    |                 |                   |
|-------------------|---|--------------------------|------------------------------------|-----------------|-------------------|
| Static Cable      | Static Cable                                  | Continuous Flexing Cable | Continuous Flexing Extension Cable | Bulk Flex Cable | Bulk Static Cable |
| 2090-XXNPMF-16SXX | P29167-MXX                                    | P28124-MXX               | P28141-MXX                         | KA-56252        | *                 |
| 2090-XXNPMF-14SXX | P29168-MXX                                    | P28125-MXX               | P28142-MXX                         | KA-56253        | *                 |
| 2090-XXNPMF-10SXX | P29169-MXX                                    | *                        | *                                  | *               | *                 |

\*Contact Amphenol Sine Systems to place orders for these specific cable families.

## TL-Series

### Motor

#### Feedback Cables

| RA Catalog Number | Amphenol Sine Systems Compatible Part Numbers |                          |                                    |                 |                   |
|-------------------|---|--------------------------|------------------------------------|-----------------|-------------------|
| Static Cable      | Static Cable                                  | Continuous Flexing Cable | Continuous Flexing Extension Cable | Bulk Flex Cable | Bulk Static Cable |
| 2090-XXNFT-SXX    | P28535-MXX                                    | N/A                      |                                    |                 | KA-56133          |
| 2090-DANFCT-SXX   | P28255-MXX                                    |                          |                                    |                 | KA-50203          |

#### Power Cables

| RA Catalog Number | Amphenol Sine Systems Compatible Part Numbers |                          |                                    |                 |                   |
|-------------------|---|--------------------------|------------------------------------|-----------------|-------------------|
| Static Cable      | Static Cable                                  | Continuous Flexing Cable | Continuous Flexing Extension Cable | Bulk Flex Cable | Bulk Static Cable |
| 2090-XXNPT-16SXX  | P29183-MXX                                    | N/A                      |                                    |                 | KA-56028          |
| 2090-DANPT-16SXX  | P29185-MXX                                    |                          |                                    |                 | N/A               |

#### Brake Cables

| RA Catalog Number | Amphenol Sine Systems Compatible Part Numbers |                          |                                    |                 |                   |
|-------------------|---|--------------------------|------------------------------------|-----------------|-------------------|
| Static Cable      | Static Cable                                  | Continuous Flexing Cable | Continuous Flexing Extension Cable | Bulk Flex Cable | Bulk Static Cable |
| 2090-DANBT-18SXX  | P29184-MXX                                    | N/A                      |                                    |                 | KA-56054          |

**NOTE 1:** All cable lengths (XX) are in meters and come in standard lengths. For custom lengths, contact Amphenol Sine Systems.

**NOTE 2:** Please contact Amphenol Sine Systems to place an order on any part denoted with an asterisk (\*).

## H-Series and F-Series

### Motor

#### Feedback Cables

| RA Catalog Number | Amphenol Sine Systems Compatible Part Numbers |                          |                                    |                 |                   |
|-------------------|---|--------------------------|------------------------------------|-----------------|-------------------|
| Static Cable      | Static Cable                                  | Continuous Flexing Cable | Continuous Flexing Extension Cable | Bulk Flex Cable | Bulk Static Cable |
| 2090-XXNFHF-SXX   | P27606-MXX                                    | P28115-MXX               | P28132-MXX                         | KA-56312        | KA-50203          |
| 2090-UXNFBHF-SXX  | P26847-MXX                                    | P28440-MXX               |                                    |                 |                   |

#### Power Cables

| RA Catalog Number  | Amphenol Sine Systems Compatible Part Numbers |                          |                                    |                 |                   |
|--------------------|---|--------------------------|------------------------------------|-----------------|-------------------|
| Static Cable       | Static Cable                                  | Continuous Flexing Cable | Continuous Flexing Extension Cable | Bulk Flex Cable | Bulk Static Cable |
| 2090-XXNPH-16SXX   | P27604-MXX                                    | P28116-MXX               | P28133-MXX                         | KA-56313        | KA-50960          |
| 2090-UXNPAHF-16RXX | P27135-MXX                                    | *                        | *                                  |                 |                   |
| 2090-XXNPHF-14SXX  | P27605-MXX                                    | P28117-MXX               | P28134-MXX                         | KA-56314        | KA-50961          |
| 2090-UXNPAHF-14RXX | P27139-MXX                                    | *                        | *                                  |                 |                   |
| 2090-UXNPAHF-10SXX | P26963-MXX                                    | *                        | *                                  | KA-56315        | KA-50962          |
| 2090-UXNPAHF-10RXX | P27140-MXX                                    | *                        | *                                  |                 |                   |
| 2090-UXNPAHF-8SXX  | P27141-MXX                                    | *                        | *                                  | N/A             | KA-50968          |
| 2090-UXNPAHF-8RXX  | P27136-MXX                                    | *                        | *                                  | N/A             |                   |

## N-Series

### Motor

#### Feedback Cables

| RA Catalog Number | Amphenol Sine Systems Compatible Part Numbers |                          |                                    |                 |                   |
|-------------------|---|--------------------------|------------------------------------|-----------------|-------------------|
| Static Cable      | Static Cable                                  | Continuous Flexing Cable | Continuous Flexing Extension Cable | Bulk Flex Cable | Bulk Static Cable |
| 2090-XXNFN-SXX    | P27608-MXX                                    | P28119-MXX               | P28137-MXX                         | KA-56312        | KA-50203          |
| 2090-UXNFBN-SXX   | P26851-MXX                                    | P28441-MXX               |                                    |                 |                   |
| 2090-UXNFBN-KXX   | P26853-MXX                                    | *                        |                                    |                 |                   |
| 2090-UXNFBN-RXX   | P26852-MXX                                    | *                        |                                    |                 |                   |

#### Power Cables

| RA Catalog Number | Amphenol Sine Systems Compatible Part Numbers |                          |                                    |                 |                   |
|-------------------|---|--------------------------|------------------------------------|-----------------|-------------------|
| Static Cable      | Static Cable                                  | Continuous Flexing Cable | Continuous Flexing Extension Cable | Bulk Flex Cable | Bulk Static Cable |
| 2090-XXNPN-16SXX  | P27607-MXX                                    | P28120-MXX               | P28136-MXX                         | KA-56313        | KA-50960          |
| 2090-UXNPAN-16SXX | P26959-MXX                                    | *                        | *                                  |                 |                   |
| 2090-UXNPAN-16RXX | P27134-MXX                                    | *                        | *                                  |                 |                   |

# 1326AB

## 460V Motor

The following tables are to be used to decipher which Amphenol Sine Systems cable is compatible with its corresponding Rockwell Automation cable. When referencing your parts, know that the -XXX-XX designates the specific length of the cable(s).

### Power Cables

| RA Catalog Number       | Amphenol Sine Systems | RA Catalog Number        | Amphenol Sine Systems | RA Catalog Number       | Amphenol Sine Systems | RA Catalog Number        | Amphenol Sine Systems |
|-------------------------|-----------------------|--------------------------|-----------------------|-------------------------|-----------------------|--------------------------|-----------------------|
| <b>1326-CPB1-XXX-XX</b> |                       | <b>1326-CPB1T-XXX-XX</b> |                       | <b>1326-CPC1-XXX-XX</b> |                       | <b>1326-CPC1T-XXX-XX</b> |                       |
| CPB1                    | P25770-MXX            | CPB1T                    | P25773-MXX            | CPC1                    | P25771-MXX            | CPC1T                    | P25774-MXX            |
| CPB1-D                  | P25448-MXX            | CPB1T-D                  | P25452-MXX            | CPC1-D                  | P25449-MXX            | CPC1T-D                  | P25453-MXX            |
| CPB1-DL                 | P25648-MXX            | CPB1T-DL                 | P25649-MXX            | CPC1-DL                 | P25651-MXX            | CPC1T-DL                 | P25652-MXX            |
| CPB1-E                  | P25445-MXX            | CPB1T-EE                 | P25806-MXX            | CPC1-E                  | P25446-MXX            | CPC1T-EE                 | P25807-MXX            |
| CPB1-EL                 | P25647-MXX            | CPB1T-L                  | P25497-MXX            | CPC1-EL                 | P25650-MXX            | CPC1T-L                  | P25449-MXX            |
| CPB1-L                  | P25496-MXX            | CPB1T-RA                 | P25536-MXX            | CPC1-L                  | P25498-MXX            | CPC1T-RA                 | P25540-MXX            |
| CPB1-RA                 | P25535-MXX            | CPB1T-RAL                | P25508-MXX            | CPC1-RA                 | P25539-MXX            | CPC1T-RAL                | P25510-MXX            |
| CPB1-RAL                | P25502-MXX            | CPB1T-RB                 | P25538-MXX            | CPC1-RAL                | P25504-MXX            | CPC1T-RB                 | P25542-MXX            |
| CPB1-RB                 | P25537-MXX            | CPB1T-RBL                | P25509-MXX            | CPC1-RB                 | P25541-MXX            | CPC1T-RBL                | P25511-MXX            |
| CPB1-RBL                | P25503-MXX            |                          |                       | CPC1-RBL                | P25505-MXX            |                          |                       |

### Feedback Resolver Cables

| RA Catalog Number      | Amphenol Sine Systems | RA Catalog Number       | Amphenol Sine Systems | RA Catalog Number       | Amphenol Sine Systems | RA Catalog Number        | Amphenol Sine Systems |
|------------------------|-----------------------|-------------------------|-----------------------|-------------------------|-----------------------|--------------------------|-----------------------|
| <b>1326-CCU-XXX-XX</b> |                       | <b>1326-CCUT-XXX-XX</b> |                       | <b>1326-CECU-XXX-XX</b> |                       | <b>1326-CECUT-XXX-XX</b> |                       |
| CCU                    | P25769-MXX            | CCUT                    | P25772-MXX            | CECU                    | P24462-MXX            | CECUT                    | P24461-MXX            |
| CCU-D                  | P25447-MXX            | CCUT-D                  | P25451-MXX            | CECU-L                  | P25638-MXX            | CECUT-L                  | P25641-MXX            |
| CCU-DL                 | P25636-MXX            | CCUT-DL                 | P25637-MXX            | CECU-RAL                | P25639-MXX            | CECUT-RAL                | P25642-MXX            |
| CCU-E                  | P25444-MXX            | CCUT-EE                 | P25805-MXX            | CECU-RBL                | P25640-MXX            | CECUT-RBL                | P25643-MXX            |
| CCU-EL                 | P25635-MXX            | CCUT-L                  | P25495-MXX            |                         |                       |                          |                       |
| CCU-L                  | P25494-MXX            | CCUT-RA                 | P25532-MXX            |                         |                       |                          |                       |
| CCU-RA                 | P25531-MXX            | CCUT-RAL                | P25506-MXX            |                         |                       |                          |                       |
| CCU-RAL                | P25500-MXX            | CCUT-RB                 | P25534-MXX            |                         |                       |                          |                       |
| CCU-RB                 | P25533-MXX            | CCUT-RBL                | P25507-MXX            |                         |                       |                          |                       |
| CCU-RBL                | P25501-MXX            |                         |                       |                         |                       |                          |                       |

**NOTE 1:** All cable lengths (XX) are in meters and come in standard lengths. For custom lengths, contact Amphenol Sine Systems.

**NOTE 2:** Please contact Amphenol Sine Systems to place an order on any part denoted with an asterisk (\*).

## Y-Series

### Motor

#### Feedback Cables

| RA Catalog Number | Amphenol Sine Systems Compatible Part Numbers |                          |                                    |                 |                   |
|-------------------|---|--------------------------|------------------------------------|-----------------|-------------------|
| Static Cable      | Static Cable                                  | Continuous Flexing Cable | Continuous Flexing Extension Cable | Bulk Flex Cable | Bulk Static Cable |
| 2090-XXNFY-SXX    | P27603-MXX                                    | P28122-MXX               | P28139-MXX                         | KA-56312        | KA-50203          |
| 2090-UXNFBY-SXX   | P26850-MXX                                    | P28442-MXX               |                                    |                 |                   |

#### Power Cables

| RA Catalog Number | Amphenol Sine Systems Compatible Part Numbers |                          |                                    |                 |                   |
|-------------------|---|--------------------------|------------------------------------|-----------------|-------------------|
| Static Cable      | Static Cable                                  | Continuous Flexing Cable | Continuous Flexing Extension Cable | Bulk Flex Cable | Bulk Static Cable |
| 2090-XXNPY-16SXX  | P27602-MXX                                    | P28121-MXX               | P28138-MXX                         | KA-50422        | KA-50967          |

### Interface Cable Combinations

| RA Catalog Number | Amphenol Sine Systems Part Number | Cable Description   | RA Drive Compatibility |
|-------------------|-----------------------------------|---|------------------------|
| 2090-UXPC-D09xx   | <b>P26968-MXX</b>                 | Serial cable to computer, 9-pin                                       | Ultra3000/5000         |
| 2090-DAIO-D50xxx  | <b>P28256-MXX</b>                 | Ultra1500 control interface to flying leads                           | Ultra1500              |
| 2090-DAPC-D09xx   | <b>P28257-MXX</b>                 | Ultra1500 serial interface to computer                                | Ultra1500              |
| 2090-U5PM-D09xx   | <b>P27362-MXX</b>                 | Ultra5000 to PanelView 300 Micro, 1761-NET-ENI, and MicroLogix DF-1   | Ultra5000              |
| 2090-U5PV-D09xx   | <b>P27363-MXX</b>                 | Ultra5000 to PanelView 300 Keypad 500/600/1000 Standard DF-1          |                        |
| 2090-XXNRB-10F0P5 | <b>P28541-MXX</b>                 | Resistive Brake Module (RBM) to drive interface cable, 6 mm2 (10 AWG) | Kinetix 6000           |
| 2090-UXNRB-10F1P3 | <b>P28542-MXX</b>                 |   | Ultra3000              |
| 2090-XXNRB-8F0P6  | <b>P28543-MXX</b>                 | Resistive Brake Module (RBM) to drive interface cable, 10 mm2 (8 AWG) | Kinetix 6000           |
| 2090-UXNRB-8F1P4  | <b>P28544-MXX</b>                 |   | Ultra3000              |
| 2090-UXNRB-6F1P5  | <b>P28545-MXX</b>                 | Resistive Brake Module (RBM) to drive interface cable, 16 mm2 (6 AWG) | Ultra3000              |

### Panel-Mounted Breakout Boards, Cables And Kits

| RA Catalog Number | Amphenol Sine Systems Part Number | Cable Description  | RA Drive Compatibility              |
|-------------------|-----------------------------------|--|-------------------------------------|
| 2090-UXBC-D15xx   | <b>P27048-MXX</b>                 | 15-pin high-density D-sub cable.   | Kinetix 6000/7000 or Ultra3000/5000 |
| 2090-U3BC-D44xx   | <b>P26933-MXX</b>                 | 44-pin high-density D-sub cable.   | Ultra3000                           |
| 2090-UXBB-D15     | <b>P27049-MXX</b>                 | 15-pin terminal block with high-density D-sub.   | Kinetix 6000/7000 or Ultra3000/5000 |
| 2090-U3BB-D44     | <b>P27051-MXX</b>                 | 44-pin terminal block with high-density D-sub.   | Ultra3000                           |
| 2090-UXBK-D15xx   | <b>P27047-MXX</b>                 | Kits includes terminal block (P27049) and 15-pin male high density D-sub cable (P27048-MXX)  | Kinetix 6000/7000 or Ultra3000/5000 |
| 2090-U3BK-D44xx   | <b>P27050-MXX</b>                 | Kits includes terminal block (P27051) and 44-pin male high-density D-sub cable (P26933-MXX). | Kinetix 6000/7000 or Ultra3000/5000 |



# 1326AB

## Drive Mounted Breakout Boards

| RA Catalog Number | Amphenol Sine Systems Part Number | Cable Description                    | RA Drive Compatibility |
|-------------------|-----------------------------------|--------------------------------------|------------------------|
| 2090-UXBB-DM09    | P27218                            | 9-pin drive-mounted breakout board.  | Ultra3000/5000         |
| 2090-UXBB-DM15    | P27125                            | 15-pin drive-mounted breakout board. | Ultra3000/5000         |
| 2090-UXBB-DM44    | P27123                            | 44-pin drive-mounted breakout board. | Ultra3000              |

## Cable Illustrations and Part Numbers

**MP Series Feedback Cable and MP Series Continuous Flexing Cable**  
 P28762-MXX P28438-MXX



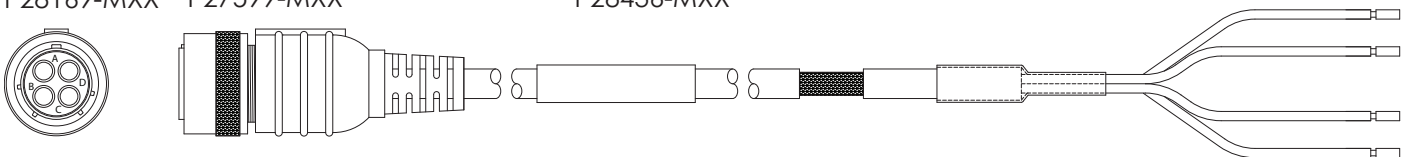
**MP Series 230V-460V Motor Static Feedback Cable and MP Series Continuous Flexing Cable Assembly**  
 P28763-MXX P28439-MXX



**MP Series 230V-460V Motor Feedback Continuous Flexing Extension Cable**  
 P28126-MXX



**MP Series 230-460V Static Power Cable and MP Series 230-460V Continuous Flexing Power Cables**  
 P27600-MXX P28170-MXX P28435-MXX P28437-MXX  
 P28169-MXX P27599-MXX P28436-MXX



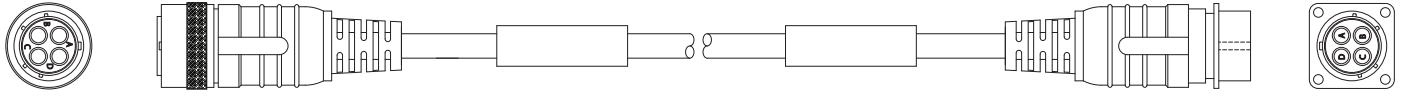
**NOTE 1:** All cable lengths (XX) are in meters and come in standard lengths. For custom lengths, contact Amphenol Sine Systems.

## Cable Illustrations and Part Numbers, cont.

### MP Series 230-460V Power Continuous Flexing Extension Cable Assembly

P28129-MXX P28130-MXX

P28128-MXX



### MP Series 230V-460V Static Brake Cable and MP Series 460V to 1394 Continuous Flexing Brake Cable

P27228-MXX

P28114-MXX



### MP Series 230V-460V Brake Cable Continuous Flexing Extension Cable Assembly

P28131-MXX



### MP Series 460V to 1394 Motor Static Feedback Cable Assembly

P26983-MXX



### MP Series 460V to 1394 Motor Static Power Cables

P27264-MXX P27262-MXX

P27268-MXX



**MPF Series Motor Feedback Static Cable and MPF Series Continuous Flexing Cable**  
 P29166-MXX P28123-MXX



**MPF Series 230V-460V Motor Static Power Cable and MPF Series Continuous Flexing Cables**  
 P29167-MXX P29168-MXX P28124-MXX  
 P29169-MXX P28125-MXX



**TL Series Feedback Cable**  
 P28255-MXX



P28535-MXX



**NOTE 1:** All cable lengths (XX) are in meters and come in standard lengths. For custom lengths, contact Amphenol Sine Systems.

## Cable Illustrations and Part Numbers, cont.

### TL Series Motor Power Cable Assemblies

P29183-MXX



P29185-MXX



### TL Series Motor Brake Cable

P29184-MXX



### F Series Static Feedback Cable and F Series Continuous Flexing Feedback Cable

P27606-MXX

P28115-MXX



### F Series Static Cable Assembly and F Series Continuous Flexing Cable Assembly

P26847-MXX

P28440-MXX



### F Series Static Power Cables and F Series Continuous Flexing Cable Assemblies

P27605-MXX

P27141-MXX

P28116-MXX

P26963-MXX

P27604-MXX

P28117-MXX



**F Series Static Right Angle Power R/A Cable Assemblies**

P27135-MXX P27136-MXX  
P27140-MXX P27139-MXX



**F Series Motor Continuous Flexing Extension Power Cables**

P28133-MXX  
P28134-MXX



**N Series Motor Static Feedback Cable and N Series Motor Continuous Flexing Cable**

P27608-MXX P28119-MXX



**N Series Motor Static Feedback Cable and N Series Motor Continuous Flexing Cable**

P26851-MXX P28441-MXX



**NOTE 1:** All cable lengths (XX) are in meters and come in standard lengths. For custom lengths, contact Amphenol Sine Systems.

## Cable Illustrations and Part Numbers, cont.

### N Series Static Motor Right-Angle Feedback Cable

P26852-MXX

P26853-MXX



### N Series Motor Feedback Continuous Flexing Extension Cable

P28137-MXX



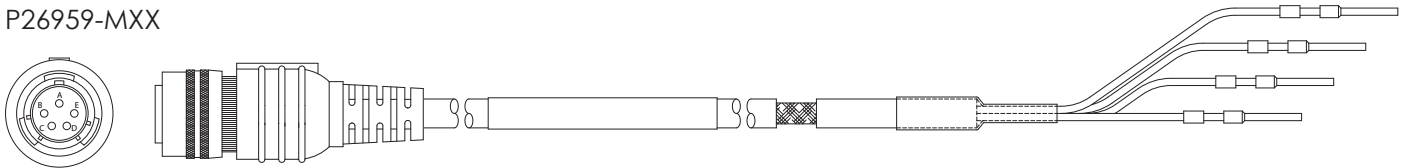
### N Series Motor Static Power Cables and N Series Motor Continuous Flexing Cable Assemblies

P27607-MXX

P28120-MXX

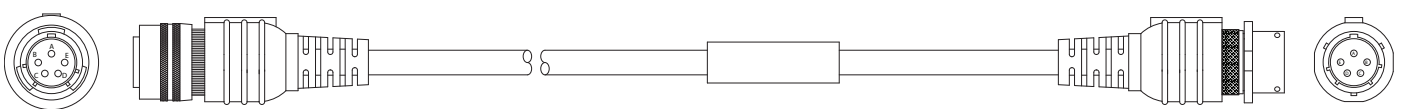


P26959-MXX



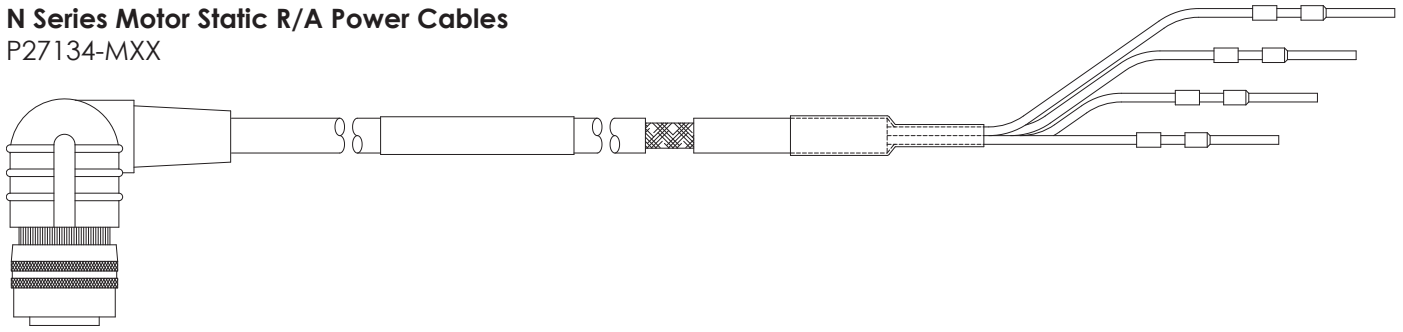
### N Series Motor Continuous Flexing Extension Power Cables

P28136-MXX



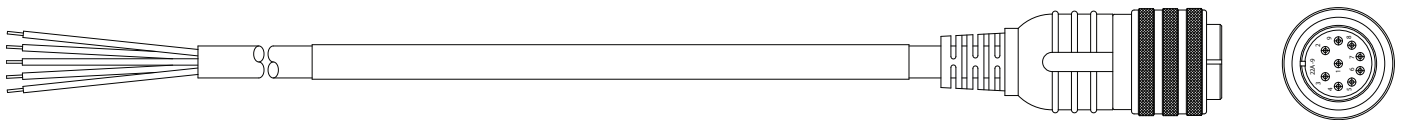
**N Series Motor Static R/A Power Cables**

P27134-MXX



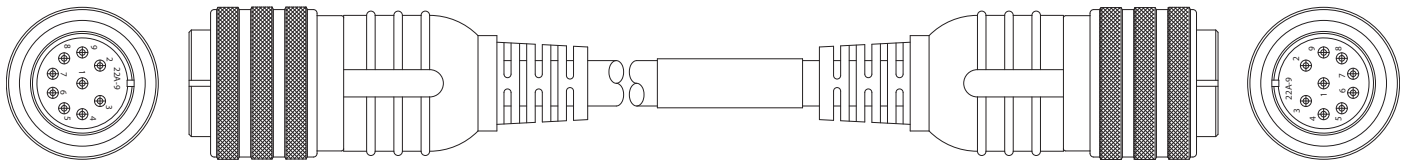
**1326AB 460V Motor Power Cables**

P25773-MXX P25774-MXX  
P25771-MXX P25770-MXX

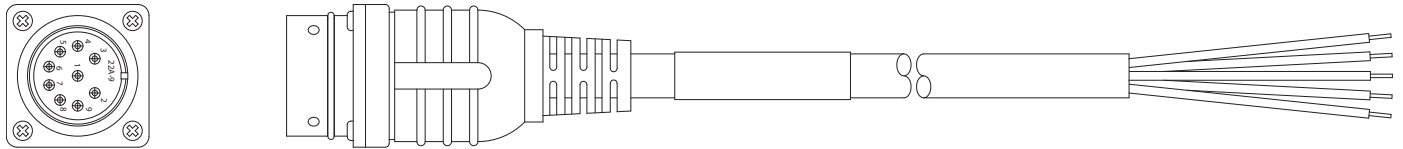


**1326AB 460V Power Cables**

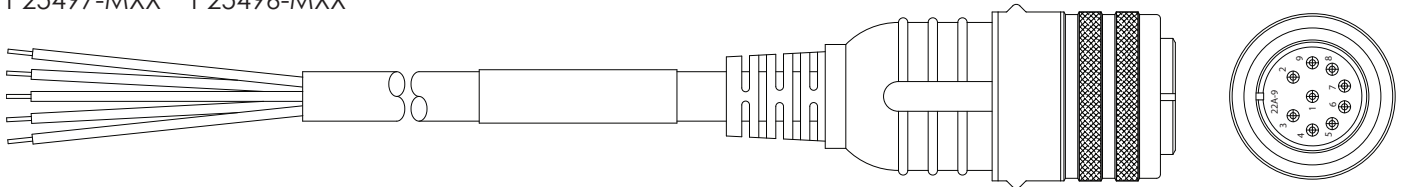
P25452-MXX P25648-MXX P25652-MXX  
P25449-MXX P25649-MXX P25448-MXX  
P25453-MXX P25651-MXX



P25446-MXX P25806-MXX  
P25647-MXX P25807-MXX  
P25650-MXX P25445-MXX



P25449-MXX P25498-MXX  
P25497-MXX P25496-MXX



**NOTE 1:** All cable lengths (XX) are in meters and come in standard lengths. For custom lengths, contact Amphenol Sine Systems.

## Cable Illustrations and Part Numbers, cont.

### 1326AB 460V Motor Power Cables

P25502-MXX P25505-MXX P25510-MXX P25537-MXX P25540-MXX P25535-MXX  
 P25503-MXX P25508-MXX P25511-MXX P25538-MXX P25542-MXX  
 P25504-MXX P25509-MXX P25536-MXX P25539-MXX P25541-MXX



### 1326AB 460V Motor Feedback Resolver Cable Assemblies

P25769-MXX  
 P25772-MXX



P25447-MXX P25636-MXX  
 P25451-MXX P25637-MXX



### 1326AB 460V Motor Feedback Resolver Bulkhead Cable Assemblies

P25635-MXX P25444-MXX  
 P25805-MXX

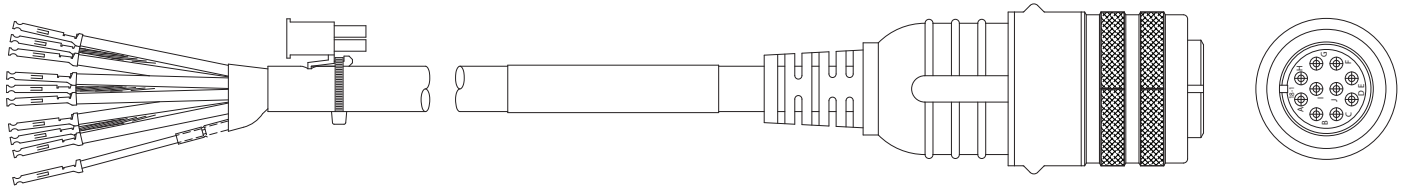




### 1326AB 460V Motor Feedback Resolver Cable Assemblies

P25495-MXX

P25494-MXX

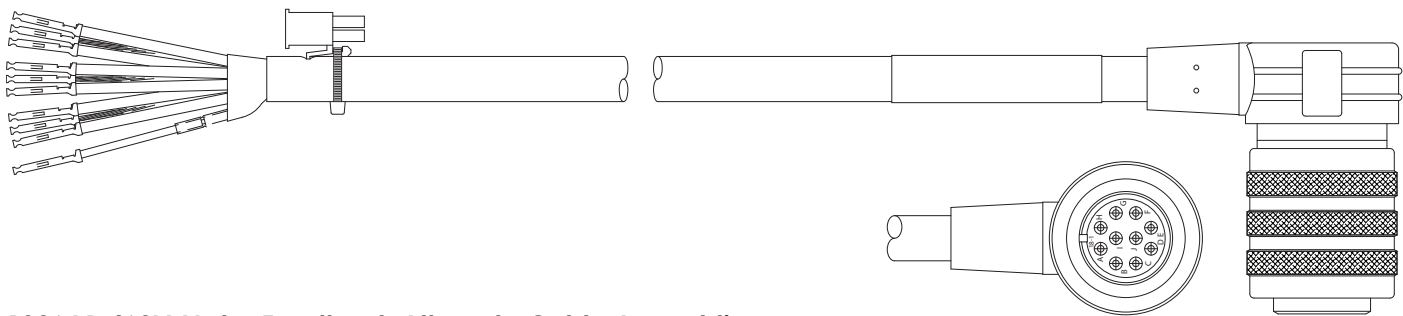


### 1326AB 460V Motor Feedback Resolver 90° Cable Assemblies

P25500-MXX P25507-MXX P25533-MXX

P25501-MXX P25532-MXX P25531-MXX

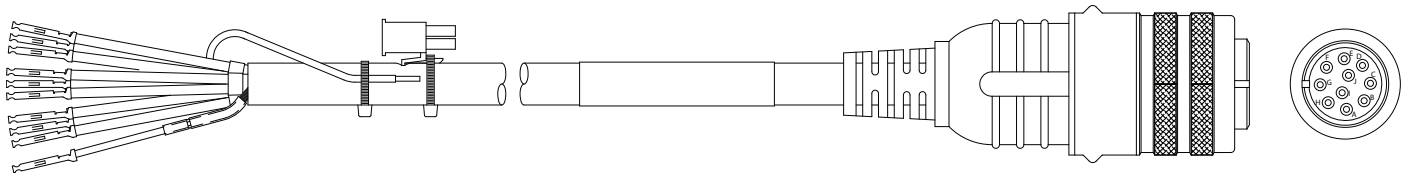
P25506-MXX P25534-MXX



### 1326AB 460V Motor Feedback Alternate Cable Assemblies

P24461-MXX P25638-MXX

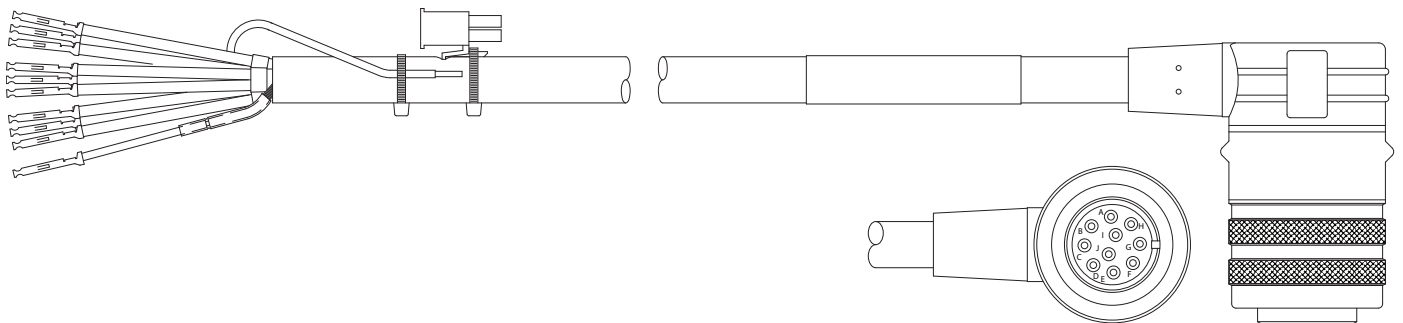
P24462-MXX P25641-MXX



### 1326AB 460V Motor Feedback Resolver 90° Cable Assemblies

P25639-MXX P25640-MXX

P25642-MXX P25643-MXX



**NOTE 1:** All cable lengths (XX) are in meters and come in standard lengths. For custom lengths, contact Amphenol Sine Systems.

## Cable Illustrations and Part Numbers, cont.

**Y Series Motor Static Feedback Cable and Y Series Continuous Flexing Cable**  
P27603-MXX P28122-MXX



**Y Series Motor Static Feedback Cable and Y Series Continuous Flexing Cable**  
P26850-MXX P28442-MXX



**Y Series Continuous Flexing Extension Feedback Cable**  
P28139-MXX



**Y Series Motor Static Power Cable and Y Series Continuous Flexing Power Cable**  
P27602-MXX P28121-MXX



**Y Series Continuous Flexing Extension Power Cable**  
P28138-MXX



# Interface Cable Illustrations and Part Numbers

**Panelview 300 Keypad 500/600/1000**  
P27363-MXX



**Interface Cable Assembly**  
P28256-MXX



**Interface Cables**  
P28541-MXX P28543-MXX  
P28542-MXX P28545-MXX



P26968-MXX



P27362-MXX



**NOTE 1:** All cable lengths (XX) are in meters and come in standard lengths. For custom lengths, contact Amphenol Sine Systems.

## Interface Cable Illustrations and Part Numbers, cont.

P28257-MXX



## Panel-Mounted Breakout Cable Assemblies - Illustrations And Part Numbers

### 44 Pin HD Cable Assembly

P26933-MXX



### 15 Pin HD Cable Assembly

P27048-MXX



**NOTE 1:** All cable lengths (XX) are in meters and come in standard lengths. For custom lengths, contact Amphenol Sine Systems.







## NORTH AMERICA

### Amphenol Sine Systems MICHIGAN

44724 Morley Drive  
Clinton Township, MI 48036  
Toll-Free: 1-800-394-7732  
Fax: 1-586-465-1216  
Email: sine\_info@sineco.com

## EUROPE

### Amphenol Air LB

29, voie d' Yvois  
F-08110 Blagny, France  
Phone: 33-3-2422-7849  
Fax: 33-3-2422-7875  
Email: accueil@amphenol-airlb.fr

### Amphenol AIR LB GmbH

Am Kleinbahnhof 4  
Saarlouis D-66740, Germany  
Phone: 49-6831-981-00  
Fax: 49-6831-981-030  
Email: info@amphenol-airlb.de

### Amphenol BENELUX

Amphenol European Sales Operations  
P.O. Box 63, 3990 DB Houten  
The Netherlands  
Phone: (31) 30-6358000  
Fax: (31) 30-6377034  
E-mail: info@amphenol-nl.com

### Amphenol CENTER EAST EUROPE, POLAND and AUSTRIA

Wiener Gasse 68  
2380 Perchtoldsdorf, Austria  
Phone: 43-699-10396071  
Fax: 43-699-40396071  
Email: c.czesch@amphenol-roe.eu

## ASIA

### Amphenol Sine Systems CHINA

2/F Building A5, Hua Feng Technology Park  
Guan Tian, Bei Huan Road, Shi Yan Street  
Bao An District, Shenzhen, China 518108  
Tel: 86-755-8173-8000 ext. 8098  
Fax: 86-755-8173-8180  
Email: fount.nee@amphenolpcd.com.cn

### Amphenol INTERCONNECT INDIA PRIVATE LTD

105 Bhosari Industrial Area  
Pune 411 026, India  
Phone: 91-20-712-0363/0463/0155  
Fax: 91-20-712-0581

## OTHER LOCATIONS

### Amphenol MEXICO

Prolongacion Reforma 61-6 B2  
Col. Paseo de las Lomas  
C.P. 01330 Mexico DF, Mexico  
Phone: 52-55-5258-9984  
Fax: 52-55-5081-6890  
Email: www.amphenolmexico.com

### Amphenol ARGENTINA

Avenida Callao 930  
2nd floor Office B Plaza  
C1023AAP Buenos Aires, Argentina  
Phone: 54-11-4815-6886  
Fax: 54-11-4814-5779

### Amphenol BRASIL LTDA

Rua Diogo Moreira, 132  
20 Andar, Rooms 2001-2-3  
CEP 05423-101  
Sao Paulo- SP, Brazil  
Phone: 55-11-3815-1003  
Fax: 55-11-3815-1629  
Email: vendas@amphenol.com.br

### Amphenol ESPANA

Edificio Burgosol, Oficina N 55  
C/Comunidad de Madrid, 35 bis  
Las Rozas (Madrid), 28230  
Phone: 34-91-6407302  
Mobile: 34-629054629  
Fax: 34-91-6407307  
Email: e.bendix@amphenol-roe.eu

### Amphenol ITALIA

Via Barbaiana 5  
20020 Lainate, Milano, Italy  
Phone: 39-02-932541  
Fax: 39-02-9325444  
Email: r.buscone@amphenol-roe.eu

### Amphenol NORDIC

Appelboms vag 2  
SE-18642 Vallentuna, Sweden  
Phone: 46-76-8418600  
Fax: 46-70-2203197  
Email: f.weden@amphenol-roe.eu

### Amphenol SOCAPEX

948, Promenade de l'Arve - BP 29  
74311 Thyez CEDEX, France  
Phone: 33(0)4-50-89-28-40  
Fax: 33(0)4-50-96-29-75  
Email: jocelyne.anthoine@amphenol-socapex.fr

### Amphenol DAESHIN

558, Songnae-2 Dong, SoSa-Gu  
Bucheon City, Gyeonggi-do, Korea 422-818  
Phone: 81-32-610-3800  
Fax: 81-32-673-2507  
Email: info@amphenol.co.kr

### Amphenol JAPAN

471-1, Deba, Riito-city  
shiga 520-3041, Japan  
Phone: 81-77-553-8501  
Fax: 81-77-551-2200

### Amphenol SOUTH AFRICA

30 Impala Road  
2196 Sandton, Chislehurst  
South Africa  
Phone: 27-11-783-9517  
Fax: 27-11-783-9519  
Email: amphenol\_africa@csi.com

### Amphenol AUSTRALIA PTY LIMITED

2 Fiveways Blvd., Keysborough  
Melbourne, Victoria 3173 Australia  
Phone: 613-8796-8888  
Fax: 613-8796-8801

### Amphenol TURKEY

Ayazaga Mah. Meyden Sk. No. 28  
Beybi Giz Plaza, Kat. 26  
34396 Maslak/Istanbul, Turkey  
Phone: 90-212-335-2501  
Fax: 90-212-335-25-00

### Amphenol SWITZERLAND & SOUTH CENTER EUROPE

Switzerland, Slovenia, Serbia, Montenegro,  
Yugoslavia, Greece, Bulgaria  
948, Promenade de l'Arve - BP29  
74311 Thyez - France  
Phone: 33-4-50-89-28-00  
Fax: 33-4-50-96-29-75

### Amphenol TUCHEL GmbH

August-Haeusser-Strasse 10  
Heilbronn, 74080  
Germany  
Phone: 49(0)-7131-929-0

Fax: 49(0)-7131-929-486

Email: info@amphenol.de

### Amphenol LIMITED

Thanet Way, Whitstable  
Kent CT5 3JF, United Kingdom  
Phone: 44-1-227-773200  
Fax: 44-1-227-276571



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).



Телефон: 8 (812) 309-75-97 (многоканальный)

Факс: 8 (812) 320-03-32

Электронная почта: [ocean@oceanchips.ru](mailto:ocean@oceanchips.ru)

Web: <http://oceanchips.ru/>

Адрес: 198099, г. Санкт-Петербург, ул. Калинина, д. 2, корп. 4, лит. А