



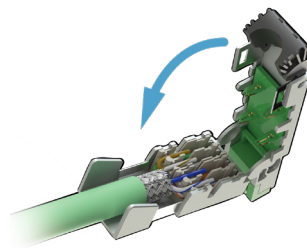
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# Field Wireable Connectors - Data

## Shielded RJ45 IDC Field Wireable Connectors

### Features

- Insulation displacement connector (IDC)
- Cat5, Cat5e, and Cat6 models available
- Available in axial, 45°, and 90° outlets



7000-74001-0000000



7000-74031-0000000



7000-74075-0000000



7000-74085-0000000

### Shielded RJ45 IDC Field Wireable Connectors

| Part Number                        | Price   | Wire Size    | Number of Wires | Connector Type      | Connection | Housing Material         | Drawing Link        |
|------------------------------------|---------|--------------|-----------------|---------------------|------------|--------------------------|---------------------|
| <a href="#">7000-74001-0000000</a> | \$20.00 | 26 to 22 AWG | 4               | RJ45 axial male     | Cat5       | Polyvinyl chloride (PVC) | <a href="#">PDF</a> |
| <a href="#">7000-74011-0000000</a> | \$23.00 |              | 8               |                     | Cat6       |                          | <a href="#">PDF</a> |
| <a href="#">7000-74021-0000000</a> | \$22.00 |              | 4               | RJ45 male 45-degree | Cat5       | Polyethylene (PE)        | <a href="#">PDF</a> |
| <a href="#">7000-74031-0000000</a> | \$25.00 |              | 8               |                     | Cat6       |                          | <a href="#">PDF</a> |
| <a href="#">7000-74075-0000000</a> | \$24.50 | 26 to 24 AWG | 8               | RJ45 axial male     | Cat5e      | Die-cast zinc            | <a href="#">PDF</a> |
| <a href="#">7000-74085-0000000</a> | \$26.50 |              |                 | RJ45 90-degree male | Cat5e      |                          | <a href="#">PDF</a> |

### Shielded RJ45 IDC Field Wireable Connectors Specifications

| Model                       | 74001, 74021                                     | 74011, 74031        | 74075, 74085                    |
|-----------------------------|--------------------------------------------------|---------------------|---------------------------------|
| Type                        | RJ45: 4-Wire, 4-Pin                              | RJ45: 8-Wire, 8-Pin | RJ45: 8-Wire, 8-Pin             |
| Maximum Voltage             | 60VDC                                            |                     | 50V                             |
| Maximum Current per Contact | 1.76 A                                           |                     | 1.75 A                          |
| Transmission Type           | Cat5                                             | Cat6                | Cat5e                           |
| Transfer Rate               | 10/100 Mbps                                      | 10 Gbit/s           | 1 Gbit/s                        |
| Bandwidth                   | 100 MHz                                          | 250 MHz             | 100 MHz                         |
| Temperature Range           | -40 to 70°C [-40 to 158°F]                       |                     |                                 |
| Protection Degree           | IP20                                             |                     |                                 |
| Wire Ø                      | max 1.6 mm                                       |                     |                                 |
| Outside Cable Ø             | 5 to 9mm (74001, 74011), 5 to 8mm (74021, 74031) |                     | 5 to 9 mm                       |
| Conductor Cross Section     | 0.14 to 0.34 mm² [26 to 22 AWG]                  |                     | 0.14 to 0.25 mm² [26 to 24 AWG] |
| Housing Material            | Polyvinyl chloride(PVC) / Polyethylene (PE)      |                     | Zinc die casting                |
| Contact Material            | —                                                |                     | Gold-plated                     |
| Approvals*                  | cURus                                            |                     | cULus                           |

\*To obtain the most current agency approval information, see the Agency Compliance & Certifications Checklist section on the specific part number's web page.

### Pin Assignments

74001,74021  
Industrial



74075,74085  
Ethernet, AWG 24 - 26



74011,74031  
568-A



Industrial



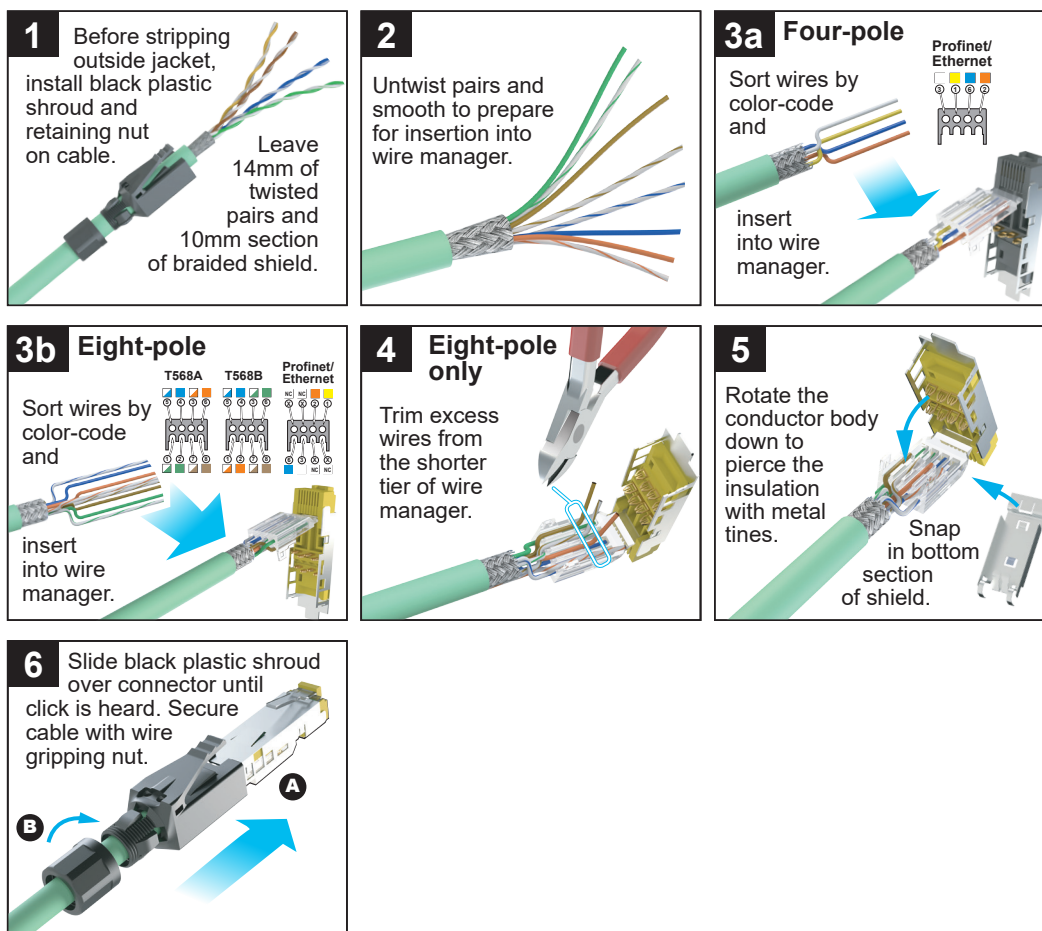


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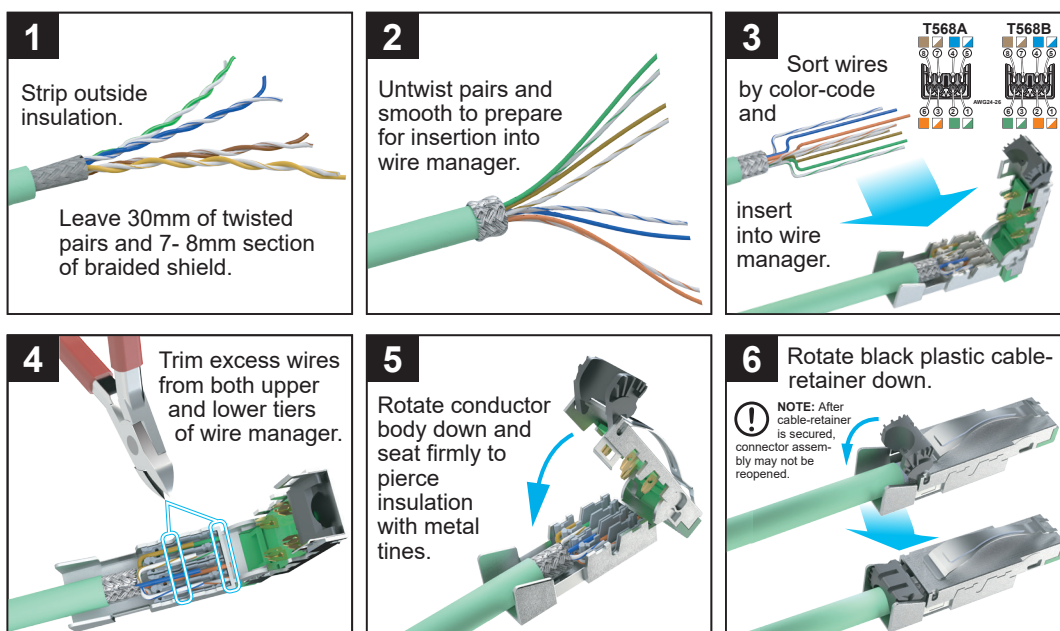
# Field Wireable Connectors - Data

## Assembly Instructions

Part Numbers: 7000-74001-0000000, 7000-74011-0000000, 7000-74021-0000000, 7000-74031-0000000



Part Numbers: 7000-74075-0000000, 7000-74085-0000000





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# Field Wireable Connectors - Data

## Shielded RJ45 M12 D-coded Bulkhead Connectors

### Features

- Axial or 90-degree models
- Mounting nuts included
- Plastic housing



7000-44671-0000000



7000-44681-0000000



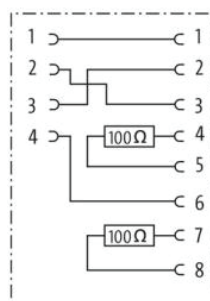
| Shielded RJ45 M12 D-coded Bulkhead Connectors |         |           |                 |                                                   |            |                    |                     |
|-----------------------------------------------|---------|-----------|-----------------|---------------------------------------------------|------------|--------------------|---------------------|
| Part Number                                   | Price   | Wire Size | Number of Wires | Connector Type                                    | Connection | Housing Material   | Drawing Link        |
| <a href="#">7000-44671-0000000</a>            | \$29.50 | N/A       | 4               | M12 D-coded axial female to RJ45 axial male       | Cat5       | Polyurethane (PUR) | <a href="#">PDF</a> |
| <a href="#">7000-44681-0000000</a>            | \$30.00 |           |                 | M12 D-coded axial female to RJ45 90-degree female |            |                    | <a href="#">PDF</a> |

| Shielded RJ45 M12 D-coded Bulkhead Connectors Specifications |                                 |
|--------------------------------------------------------------|---------------------------------|
| Model                                                        | 44671, 44681                    |
| Type                                                         | M12: 4-Wire, 4-Pole             |
| Maximum Voltage                                              | 60VDC                           |
| Maximum Current per Contact                                  | 1.76 A                          |
| Transmission Type                                            | Cat5                            |
| Bandwidth                                                    | 100 MHz                         |
| Temperature Range                                            | -25 to 85°C [-13 to 185°F]      |
| Protection Degree                                            | IP68 (M12); IP20 (RJ45)         |
| Housing Mounting Panel Thickness                             | 2.0 to 5.0 mm [0.08 to 0.20 in] |
| Housing Mounting Tightening Torque                           | 0.6 N•m [5.3 in-lb]             |
| Housing Material                                             | Polyurethane (PUR)              |
| Approvals*                                                   | cULus                           |

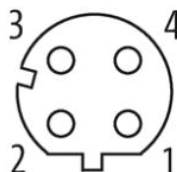
\*To obtain the most current agency approval information, see the Agency Compliance & Certifications Checklist section on the specific part number's web page.

### Pin Assignments

M12 RJ45



Female



Female

