



Ethernet Cordsets

# Quick-Connex® Trex-Onics RJ45 & 8 Pin M12 DC Micro Ethernet Cordsets

Ethernet networking is a growing solution for industrial applications and ATPC offers you a complete solution for your Ethernet cable and connector needs. Quick-Connex® Trex-Onics® RJ45 and 8 Pin M12 DC Micro Ethernet Cordsets are engineered to withstand abrasion, high-flex, and chemical environments.

**Ratings** 8 Pin M12 DC Micro 300V RJ45 Voltage 30VAC/32VDC @ 1.5 Amps Max Conductor Temperature 70°C

**Performance Characteristics** ✓ Operating Temperature: -20° to 70°C ✓ Abrasion Resistant ✓ **Bend Radius of Trex-Onics® Type Control Cable:** (Static) 6x Cable OD, (Dynamic) 8x Cable OD

**Engineered to Resist** Flexing Abrasion Chemicals

**Features & Benefits**

**Cordsets Made with Trex-Onics® Industrial Ethernet CAT7A Shielded Cable, Rated 70°C**  
 Designed with finely stranded conductors for high flexibility and longer flex-life.  
 Shielded cable provides 100% protection from electromagnetic and radio frequency interference while the jacket provides protection from environmental abuse.

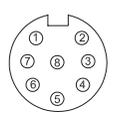
**M12 DC Micro Connectors Feature Solid Brass Contact Pins, Nickel Coated and Gold Plated, Machine Crimped to Conductors**  
 Provides long life, resists corrosion, easy positive engagement. Ensures electrical integrity in DC applications.

**M12 DC Micro Connector with Nickel Plated Brass Coupling Nut**  
 Resists corrosion. Ensures a quick, secure connection in the toughest environments.

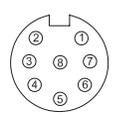
**RJ45 Connectors Feature Phospor Bronze Contacts with Gold Plating, Polycarbonate Insert, Integral C Clamp and PVC Boot**  
 For increased effectiveness, cable stress relief and added strength for high-speed applications.

**Ordering Information** For complete product ordering information, please scan the QR Code or contact your ATPC sales representative

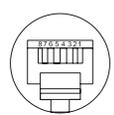
**Face Views**



Female



Male



RJ45

| M12 DC Micro | CAT6A/CAT7A  | RJ45 |
|--------------|--------------|------|
| 6            | White/Orange | 1    |
| 4            | Orange       | 2    |
| 5            | White/Green  | 3    |
| 7            | Blue         | 4    |
| 1            | White/Blue   | 5    |
| 8            | Green        | 6    |
| 2            | White/Brown  | 7    |
| 3            | Brown        | 8    |

| Style                                     | Cordset Length |            |
|---|----------------|------------|
|   | Feet           | Meters     |
| 8 Pin M12 DC Male/Female with CAT7A Cable | EC2G7AM001     | 3.28 / 1   |
|   | EC2G7AM003     | 9.84 / 3   |
|   | EC2G7AM006     | 19.68 / 6  |
|   | EC2G7AM010     | 32.08 / 10 |
|   | EC2G7AM015     | 49.21 / 15 |
| RJ45 / RJ45 with CAT7A Cable              | EC2D7AM001     | 3.28 / 1   |
|   | EC2D7AM003     | 9.84 / 3   |
|   | EC2D7AM006     | 19.68 / 6  |
|   | EC2D7AM010     | 32.08 / 10 |
|   | EC2D7AM015     | 49.21 / 15 |