

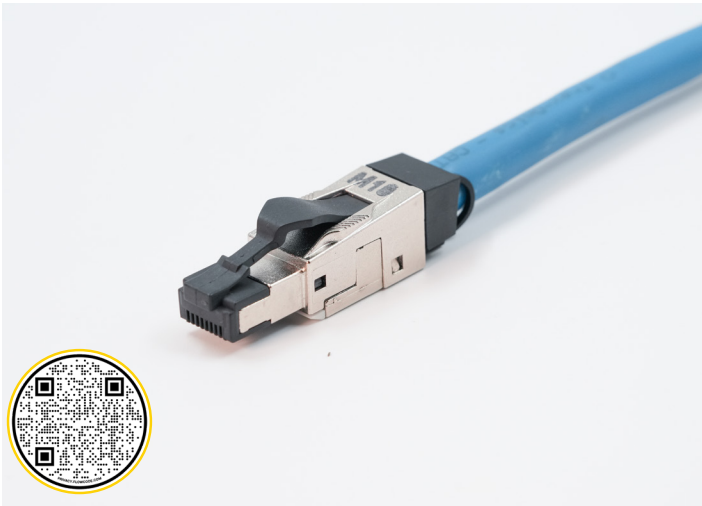
Ethernet Cordsets

Quick-Connex® Field Installable Ethernet Connectors

Quick-Connex® Field Installable Ethernet Connectors include RJ45 and D-Coded Micro connectors for use with most Ethernet cables. Used to connect devices together to transfer broadband data between network-capable peripherals.

RJ45 features zinc diecast housing, fully shielded and multi-port capable and easy to assemble. Suitable for IEEE and remote powering in multiple formats.

M12 D-Coded 4 Pole Micro Connectors are designed to provide a reliable, easy to install Ethernet connection for industry standard integration for TCP/IP and Industrial Ethernet. Use on field devices and controllers, automation and motion control in industrial networks.



Ratings



RJ45: 50V, 1 Amp, IP20

M12 D-Coded Micro: 250V, 4 Amps, IP67

Performance Characteristics

✓ Operating Temperature -25° to 80°C

Features & Benefits

Cordsets can be made with Trex-Onics® and Chem-Gard® Industrial Ethernet Cables

Superior first-line defense against tearing, abrasion, impact, oil, ozone and most chemicals. Extreme all-weather flexibility.

Field Installable RJ45 Features & Benefits

Zinc die-cast housing, locking hook and strain relief

Impact resistant with an IP20 rating to provide internal protection from dust.

Copper Alloy Pins are Gold Plated

Provides long life, resists corrosion, and easy positive engagement.

Wire Connection Range

Stranded Wire: AWG 27/7 to AWG 22/7
Solid Wire: 26 AWG to 22 AWG

M12 D-Coded 4 Pole Micro Connectors Features & Benefits

Polyamide Connector Body with Rubber Seal

Impact and crush resistant with an IP67 rating to provide internal protection from dust and fluid spray.

Copper Alloy Pins are Gold Plated

Provides long life, resist corrosion, easy positive engagement.

Screw Locking System

Secure connection using only a screwdriver. Nylon pressing screw threads into body sleeve and compresses pinch ring and seal to grip cable to prevent conductors from pulling out of connector.

M12 Nickel-Plated Brass Coupling Nut

Resists corrosion and gives quick, secure assembly.

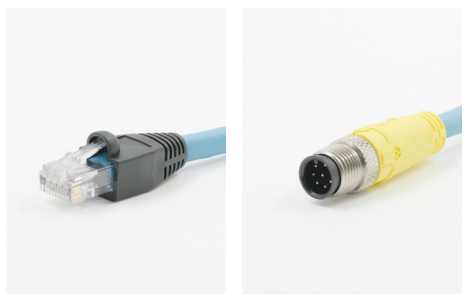
Ordering Information

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

Part No.	Style	Applications	Cable O.D. Range (in.)
30808	RJ45 40GBASE-T 40Gbit Ethernet	IEEE 802.3bq, Remote Powering PoE, PoE Plus, UPoE, 4PPoE and HDBaseT	.216" - .413"
30805	RJ45 10Gbit Ethernet	IEEE 802.3an, Remote Powering PoE, PoE Plus, UPoE and HDBaseT	.216" - .413"

Part No.	M12 D-Coded Micro Connectors	Cable O.D. Range (in.)
3340123	Female Straight	.157" - .315"
3340123R	Female 90°	.157" - .315"
3340122	Male Straight	.157" - .315"
3340122R	Male 90°	.157" - .315"





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.

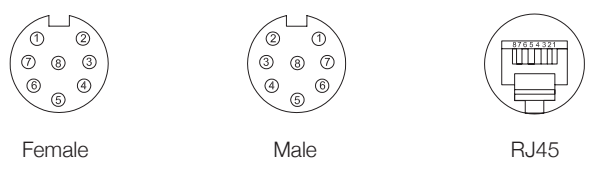
M12 DC Micro Connectors Feature Solid Brass Contact Pins, Nickel Coated and Gold Plated, Machine Crimped to Conductors
 Provides long life, resists corrosion, easy positive engagement. Ensures electrical integrity in DC applications.

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

RJ45 Connectors Feature Phosphor 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



M12 DC Micro	CAT6A/CAT7A	RJ45	Style	Cordset Length Feet	Cordset Length Meters	
6	White/Orange	1	8 Pin M12 DC Male/Female with CAT7A Cable	EC2G7AM001	3.28	1
4	Orange	2		EC2G7AM003	9.84	3
5	White/Green	3		EC2G7AM006	19.68	6
7	Blue	4		EC2G7AM010	32.08	10
1	White/Blue	5		EC2G7AM015	49.21	15
8	Green	6	RJ45 / RJ45 with CAT7A Cable	EC2D7AM001	3.28	1
2	White/Brown	7		EC2D7AM003	9.84	3
3	Brown	8		EC2D7AM006	19.68	6
				EC2D7AM010	32.08	10
				EC2D7AM015	49.21	15



Female Cordset



Male Cordset

Ethernet Cordsets

Quick-Connex® Trex-Onics® 4 Pin M12 D-Coded 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® 4 Pin M12 D-Coded Micro Ethernet Cordsets are engineered to withstand abrasion, high-flex, and chemical environments.

Ratings

300V

Max Conductor Temperature 80°C

IP67 Rated

Performance Characteristics

- ✓ Operating Temperature : -20°C to 70°C
- ✓ Sunlight Resistant
- ✓ Oil 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® Profinet Shielded Cable, Rated 80°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.

Molded and Keyed Assembly

Provides rapid and secure connect and disconnect. Ensures a water, oil, and dust tight seal.

Copper Alloy Contact Pins Contact Pins are Nickel Coated and Gold Plated, Machine Crimped to Conductors

Provides long life, resists corrosion, easy positive engagement ensures electrical integrity.

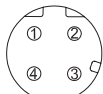
Nickel Plated Brass Coupling Nut

Resists corrosion. Ensures a quick, secure connection in the toughest environments.

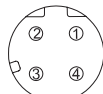
Ordering Information

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

Pin Out



Female



Male

D-Coded M12	Profinet/Ind. Ethernet	Style	Cordset Length Feet	Cordset Length Meters
1	TX+	4 Pin M12 D-Coded Micro Male/Female with Profinet Cable	EC2M5E2SM001	3.28
2	RX+		EC2M5E2SM003	9.84
3	TX-		EC2M5E2SM006	19.68
4	RX-		EC2M5E2SM010	32.08
			EC2M5E2SM015	49.21
		4 Pin M12 D-Coded Micro Male/Male with Profinet Cable	EC2P5E2SM001	3.28
			EC2P5E2SM003	9.84
			EC2P5E2SM006	19.68
			EC2P5E2SM010	32.08
			EC2P5E2SM015	49.21