



Female Cordset



Male Cordset

M12 DC Micro Cordsets

Quick-Connex® M12 DC Micro Cordsets

Quick-Connex® M12 DC Micro Cordsets make replacement of electrical and electronic control devices quick and simple. Cordsets made with Trex-Onics® Control Cable are designed for high cycle, constant motion applications and provides excellent defense against impact, cutting, abrasion, oil and chemicals. The molded and keyed thermoplastic cordset provides rapid and secure connection and disconnect and ensures a water, oil and dust tight seal.

Ratings 300V Max Conductor Temperature 80°C IP69K Rated

Performance Characteristics

- ✓ Operating Temperature: -20° to 80°C
- ✓ UV Resistant
- ✓ Oil Resistant
- ✓ **Bend Radius of Trex-Onics® Control Cable:** (Static) 6x Cable OD, (Dynamic) 8x Cable OD

Engineered to Resist

- Flexing
- Abrasion
- Chemicals

Features & Benefits

Cordsets Made with Trex-Onics® Control Cable, Rated 80°C

Designed for high cycle, constant motion applications for all weather flexibility. Superior first-line defense against tearing, abrasion, impact, oil, ozone and most chemicals.

Connector Body is Specially Compounded, Thermoplastic Elastomer

Provides long life, resists heat and oil deterioration.

Molded and Keyed Assembly

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

Solid Brass Contact Pins are Nickel Coated and Gold Plated, Machine Crimped to Conductors

Provides long life, resists corrosion, easy positive engagement. Ensures electrical integrity in DC applications.

Hard Coated Metal Alloy Knurled Coupling Nut

Resists corrosion, provides quick and secure assembly.

Rubber O-Ring

Seals out oil, chemicals and other contaminants. Provides a positive seal on mated components.

Coupling Nut M12 x 1.0 Thread with One Keyway on Connector Face

Industry standard for M12 DC Micro connectors.

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

2 POLE

3 POLE

4 POLE

5 POLE

8 POLE

8 POLE - SHIELDED

Female Face View



Color Code

- 1 - BROWN
- 2 - NOT USED
- 3 - BLUE
- 4 - NOT USED
- 5 - NOT USED

- 1 - BROWN
- 2 - NOT USED
- 3 - BLUE
- 4 - BLACK
- 5 - NOT USED

- 1 - BROWN
- 2 - WHITE
- 3 - BLUE
- 4 - BLACK
- 5 - NOT USED

- 1 - BROWN
- 2 - WHITE
- 3 - BLUE
- 4 - BLACK
- 5 - GRAY

- 1 - WHITE
- 2 - BROWN
- 3 - GREEN
- 4 - YELLOW
- 5 - GRAY
- 6 - PINK
- 7 - BLUE
- 8 - RED

- 1 - WHITE
- 2 - BROWN
- 3 - GREEN
- 4 - YELLOW
- 5 - GRAY
- 6 - PINK
- 7 - BLUE
- 8 - RED

Ampacity

5A

5A

5A

5A

4A

4A

90° Cordset



Quick-Connex® M12 DC Micro Cordsets

Style	2 POLE	3 POLE	4 POLE	5 POLE	8 POLE	8 POLE - SHIELDED	Cordset Length Feet	Cordset Length Meters
Female Straight Cordsets	CF12C16M001	CF13C17M001	CF14C18M001	CF15C19M001	CF18C60M001	CF18C61M001	3.28	1
	CF12C16M002	CF13C17M002	CF14C18M002	CF15C19M002	CF18C60M002	CF18C61M002	6.56	2
	CF12C16M004	CF13C17M004	CF14C18M004	CF15C19M004	CF18C60M004	CF18C61M004	13.12	4
	CF12C16M006	CF13C17M006	CF14C18M006	CF15C19M006	CF18C60M006	CF18C61M006	19.68	6
	CF12C16M010	CF13C17M010	CF14C18M010	CF15C19M010	CF18C60M010	CF18C61M010	32.8	10
	--	CF13C17M015	CF14C18M015	CF15C19M015	CF18C60M015	CF18C61M015	49.21	15
	--	CF13C17M020	CF14C18M020	CF15C19M020	CF18C60M020	CF18C61M020	65.61	20
	--	CF13C17M025	CF14C18M025	CF15C19M025	CF18C60M025	CF18C61M025	82.02	25
--	CF13C17M030	CF14C18M030	CF15C19M030	CF18C60M030	CF18C61M030	98.42	30	
Female 90° Cordsets	CF12D16M001	CF13D17M001	CF14D18M001	CF15D19M001	CF18D60M001	CF18D61M001	3.28	1
	CF12D16M002	CF13D17M002	CF14D18M002	CF15D19M002	CF18D60M002	CF18D61M002	6.56	2
	CF12D16M004	CF13D17M004	CF14D18M004	CF15D19M004	CF18D60M004	CF18D61M004	13.12	4
	CF12D16M006	CF13D17M006	CF14D18M006	CF15D19M006	CF18D60M006	CF18D61M006	19.67	6
	--	CF13D17M010	CF14D18M010	CF15D19M010	CF18D60M010	CF18D61M010	32.8	10
	--	CF13D17M015	CF14D18M015	CF15D19M015	CF18D60M015	CF18D61M015	49.21	15
	--	CF13D17M020	CF14D18M020	CF15D19M020	CF18D60M020	CF18D61M020	65.61	20
	--	CF13D17M025	CF14D18M025	CF15D19M025	CF18D60M025	CF18D61M025	82.02	25
--	CF13D17M030	CF14D18M030	CF15D19M030	CF18D60M030	CF18D61M030	98.42	30	
Male-Female Straight Cordsets	CF22E16M001	CF23E17M001	CF24E18M001	CF25E19M001	CF28E60M001	CF28E61M001	3.28	1
	CF22E16M002	CF23E17M002	CF24E18M002	CF25E19M002	CF28E60M002	CF28E61M002	6.56	2
	CF22E16M004	CF23E17M004	CF24E18M004	CF25E19M004	CF28E60M004	CF28E61M004	13.12	4
	CF22E16M006	CF23E17M006	CF24E18M006	CF25E19M006	CF28E60M006	CF28E61M006	19.67	6
	CF22E16M010	CF23E17M010	CF24E18M010	CF25E19M010	CF28E60M010	CF28E61M010	32.8	10
	--	CF23E17M015	CF24E18M015	CF25E19M015	CF28E60M015	CF28E61M015	49.21	15
	--	CF23E17M020	CF24E18M020	CF25E19M020	CF28E60M020	CF28E61M020	65.61	20
	--	CF23E17M025	CF24E18M025	CF25E19M025	CF28E60M025	CF28E61M025	82.02	25
--	CF23E17M030	CF24E18M030	CF25E19M030	CF28E60M030	CF28E61M030	98.42	30	
Male Straight/ Female 90° Cordsets	--	CF23F17M001	CF24F18M001	CF25F19M001	CF28F60M001	CF28F61M001	3.28	1
	--	CF23F17M002	CF24F18M002	CF25F19M002	CF28F60M002	CF28F61M002	6.56	2
	--	CF23F17M004	CF24F18M004	CF25F19M004	CF28F60M004	CF28F61M004	13.12	4
	--	CF23F17M006	CF24F18M006	CF25F19M006	CF28F60M006	CF28F61M006	19.67	6
	--	--	CF24F18M010	CF25F19M010	CF28F60M010	CF28F61M010	32.8	10