



Specifications

Certifications	UL Recognized and CSA Certified
Mechanical	
Coupling Nut Material	Epoxy-coated zinc
Jacket Material	Yellow CPE (chemical resistant) or grey PVC
No. of Conductors	1 pair 22 AWG, 1 pair 24 AWG and drain
Contact Material	Mini: Gold plated machined brass; Micro: Gold over nickel plated brass
Cable Diameter [mm (in.)]	6.9 (0.27)
Bend Radius	10 x diameter
Current, Max	4 A
Electrical	
Cable Rating	Grey PVC: UL CL2 or CMG 75 °C (167 °F) or AWM 600V or c(UL) CMG or AWM I/II 80 °C (176 °F) 300V FT4; Grey High-Flex PVC: UL CL2 75 °C (167 °F) or AWM 20201 80 °C (176 °F) 600V or CSA AWM I/II 80 °C (176 °F) 600V FT4; Yellow CPE: UL- CL2 or CM 75 °C (167 °F) or AWM 20869 80 °C (176 °F), CSA- AWM I/II A/B 80 °C (176 °F) 300V FT4 Oil Res II
Assembly Rating	250V, 4 A
Environmental	
Enclosure Type Rating	NEMA 1, 2, 3, 4, 6P, 12, 13; IP67; 1200 psi (8720 kPa) washdown
Cable Temperature [C (F)]	-20...+70 ° (-15...+158 °)

Description

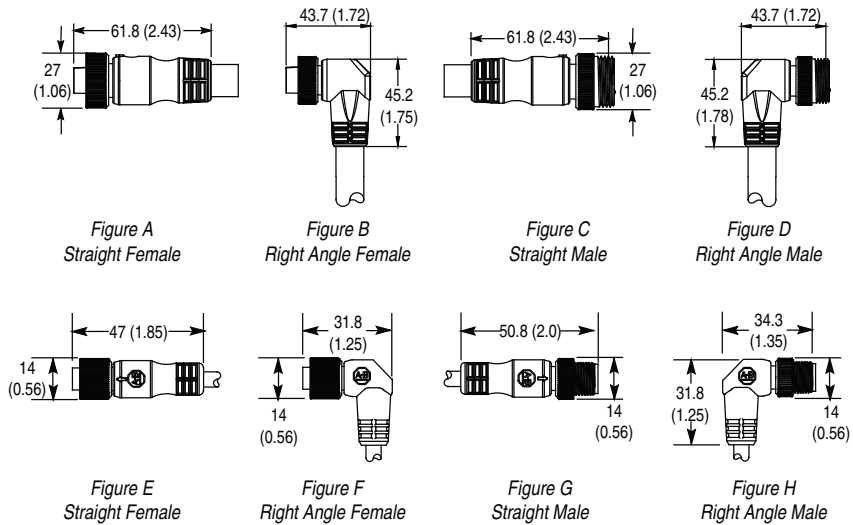
Rockwell Automation offers thin cable in spools and pre-molded DeviceNet cables in various lengths for use as trunk or drops. Designed in a heavy duty, chemical resistant yellow CPE jacket, or standard grey PVC jacket, these cables have been designed specifically for harsh industrial environments including those applications involving dirt, oil, and fluids. The molded construction and gold-plated connector pins make for reliable connections that are impervious to most external contaminants.

Features

- Grey PVC jacket for standard applications and yellow CPE jacket for more demanding environments
- Water tight performance to a rating of IP67
- Inserts are securely bonded to the connector body for superior side load and pull out resistance
- Gold-plated contacts for corrosion resistance
- Ratcheting coupling nut for vibration resistance

Approximate Dimensions

Dimensions are in millimeters (inches). Illustrations are not drawn to scale.



Cordsets & Patchcords, Round Media Cable Spools

Thin Trunk Cable

Pinout and Color Code

Face View Pinout				
Color Code				
	Mini Connector		Micro Connector	
	Female	Male	Female	Male
		1 Drain 2 Red (V+) 3 Black (V-) 4 White (CAN_H) 5 Blue (CAN_L)		

Product Selection

Grey PVC Thin Cable

Female Connector		Cat. No.				
		Male Connector				
		Cable	Mini Straight (Figure C)*	Mini Right Angle (Figure D)*	Micro Straight (Figure G)*	Micro Right Angle (Figure H)*
Cable	‡	1485C-P1CG50	1485G-P1M5-C	1485G-P1W5-C	1485G-P1D5-C	1485G-P1F5-C
Mini Straight (Figure A)	*	1485G-P1N5-C	1485G-P1N5-M5	1485G-P1W5-N5	1485G-P1D5-N5	1485G-P1N5-F5
Mini Right Angle (Figure B)	*	1485G-P1Z5-C	1485G-P1M5-Z5	1485G-P1W5-Z5	1485G-P1D5-Z5	1485G-P1F5-Z5
Micro Straight (Figure E)	*	1485G-P1R5-C	1485G-P1M5-R5	1485G-P1W5-R5	1485G-P1R5-D5	1485G-P1R5-F5
Micro Right Angle (Figure F)	*	1485G-P1V5-C	1485G-P1M5-V5	1485G-P1W5-V5	1485G-P1D5-V5	1485G-P1F5-V5

Yellow CPE Thin Cable

Female Connector		Cat. No.				
		Male Connector				
		Cable	Mini Straight (Figure C)*	Mini Right Angle (Figure D)*	Micro Straight (Figure G)*	Micro Right Angle (Figure H)*
Cable	‡	1485C-P1C50	1485R-P1M5-C	1485R-P1W5-C	1485R-P1D5-C	1485R-P1F5-C
Mini Straight (Figure A)	*	1485R-P1N5-C	1485R-P1N5-M5	1485R-P1W5-N5	1485R-P1D5-N5	1485R-P1N5-F5
Mini Right Angle (Figure B)	*	1485R-P1Z5-C	1485R-P1M5-Z5	1485R-P1W5-Z5	1485R-P1D5-Z5	1485R-P1F5-Z5
Micro Straight (Figure E)	*	1485R-P1R5-C	1485R-P1M5-R5	1485R-P1W5-R5	1485R-P1R5-D5	1485R-P1R5-F5
Micro Right Angle (Figure F)	*	1485R-P1V5-C	1485R-P1M5-V5	1485R-P1W5-V5	1485R-P1D5-V5	1485R-P1F5-V5

Flex-Rated Grey PVC Thin Cable

Female Connector		Cat. No.				
		Male Connector				
		Cable	Mini Straight (Figure C)*	Mini Right Angle (Figure D)*	Micro Straight (Figure G)*	Micro Right Angle (Figure H)*
Cable	‡	1485C-F1G50	1485G-F1M5-C	1485G-F1W5-C	1485G-F1D5-C	1485G-F1F5-C
Mini Straight (Figure A)	*	1485G-F1N5-C	1485G-F1N5-M5	1485G-F1W5-N5	1485G-F1D5-N5	1485G-F1N5-F5
Mini Right Angle (Figure B)	*	1485G-F1Z5-C	1485G-F1M5-Z5	1485G-F1W5-Z5	1485G-F1D5-Z5	1485G-F1F5-Z5
Micro Straight (Figure E)	*	1485G-F1R5-C	1485G-F1M5-R5	1485G-F1W5-R5	1485G-F1R5-D5	1485G-F1R5-F5
Micro Right Angle (Figure F)	*	1485G-F1V5-C	1485G-F1M5-V5	1485G-F1W5-V5	1485G-F1D5-V5	1485G-F1F5-V5

‡ Replace 50 (50 m (164ft)) with 150 (150 m (492 ft)), 300 (300 m (984 ft)), or 600 (600 m (1968 ft)) for other standard lengths.

* Replace 1 (desired length in meters (i.e. 1485C-P1N5-M5 for a 1 m (3.28 ft) cable) with 2 m (6.56 ft), 3 m (9.8 ft), 4 m (13 ft), 5 m (16.4 ft), or 6 m (19.7 ft) for standard cable lengths.

Note: Stainless steel versions may be ordered by adding **S** to the cat. no. (e.g., 1485RS-P1M5-C). To order a red DeviceNet cable, replace **P** with **R** in the cat. no. (e.g., 1485C-P1N5-C becomes 1485C-R1N5-C).