

Round Media



Description

Rockwell Automation/Allen-Bradley 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.

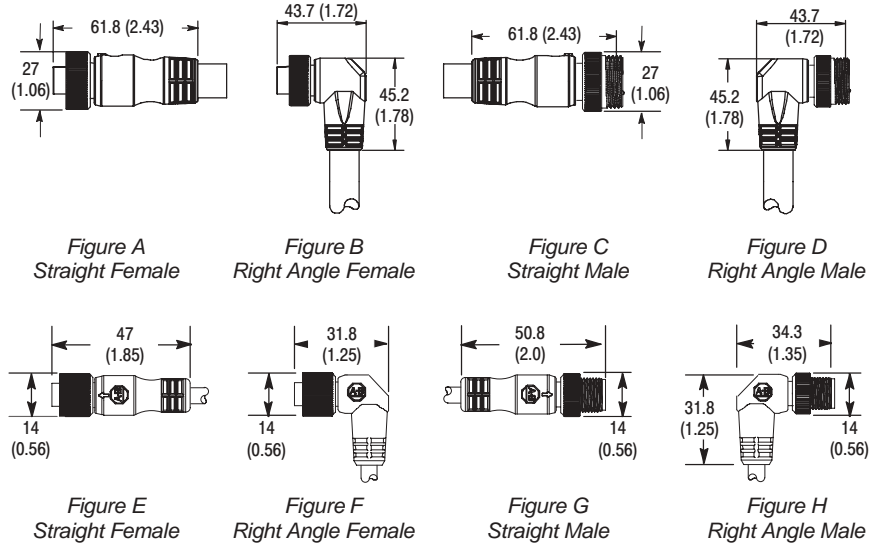
Features

- Grey PVC jacket for standard applications and yellow CPE jacket for more demanding environments
- Water tight performance to a rating of IP 67
- 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

Specifications



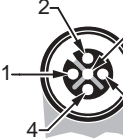
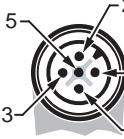
Certifications	UL recognized and CSA certified
Mechanical	
Coupling Nut Material	Epoxy Coated Zinc
Cable Jacket Material	Yellow CPE (Chemical Resistant) or Grey PVC
Conductors	1 pair 22 AWG, 1 pair 24 AWG and drain
Contacts	Mini: Gold-plated machined brass; Micro: Gold over nickel-plated brass
Cable Diameter	6.9 mm (0.27 in)
Bend Radius	10x diameter
Current, Max.	3 Amps
Electrical	
Cable Rating	Grey PVC: UL— CM 75°C (167°F) or AWM 2464, CSA— AWM II A/B 80°C (176°F) 300V 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) 30
Assembly Rating	250V, 4 A
Environmental	
Enclosure Type Rating	NEMA 1, 2, 3, 4, 6P, 12, 13; IP 67; 1200 psi (8720 kPa) washdown
Operating Temperature—C (F)	-20...+70° (-15...+158°)

Dimensions—mm (in)



Dimensions are approximate. Illustrations are not drawn to scale.

Pinout and Color Code

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

Product Selection

Grey PVC Thin Cable

Female Connector \ Male Connector		Cat. No.				
		Cable	Mini Straight (Figure C)	Mini Right Angle (Figure D)	Micro Straight (Figure G)	Micro Right Angle (Figure H)
Cable		1485C-P1CG‡	1485G-P*M5-C	1485G-P*W5-C	1485G-P*D5-C	1485G-P*F5-C
Mini Straight (Figure A)		1485G-P*N5-C	1485G-P*N5-M5	1485G-P*W5-N5	1485G-P*D5-N5	1485G-P*N5-F5
Mini Right Angle (Figure B)		1485G-P*Z5-C	1485G-P*M5-Z5	1485G-P*W5-Z5	1485G-P*D5-Z5	1485G-P*F5-Z5
Micro Straight (Figure E)		1485G-P*R5-C	1485G-P*M5-R5	1485G-P*W5-R5	1485G-P*R5-D5	1485G-P*R5-F5
Micro Right Angle (Figure F)		1485G-P*V5-C	1485G-P*M5-V5	1485G-P*W5-V5	1485G-P*D5-V5	1485G-P*F5-V5

Yellow CPE Thin Cable

Female Connector \ Male Connector		Cat. No.				
		Cable	Mini Straight (Figure C)	Mini Right Angle (Figure D)	Micro Straight (Figure G)	Micro Right Angle (Figure H)
Cable		1485C-P1C‡	1485R-P*M5-C	1485R-P*W5-C	1485R-P*D5-C	1485R-P*F5-C
Mini Straight (Figure A)		1485R-P*N5-C	1485R-P*N5-M5	1485R-P*W5-N5	1485R-P*D5-N5	1485R-P*N5-F5
Mini Right Angle (Figure B)		1485R-P*Z5-C	1485R-P*M5-Z5	1485R-P*W5-Z5	1485R-P*D5-Z5	1485R-P*F5-Z5
Micro Straight (Figure E)		1485R-P*R5-C	1485R-P*M5-R5	1485R-P*W5-R5	1485R-P*R5-D5	1485R-P*R5-F5
Micro Right Angle (Figure F)		1485R-P*V5-C	1485R-P*M5-V5	1485R-P*W5-V5	1485R-P*D5-V5	1485R-P*F5-V5

* Replace symbol with 1 (1 m), 2 (2 m), 3 (3 m), 4 (4 m), 5 (5 m) or 6 (6 m) for standard cable lengths.

‡ Replace symbol with 50 (50 m (164 ft)), 150 (150 m (492 ft)), 300 (300 m (984 ft)), or 600 (600 m (1968 ft)).

Note: Stainless steel versions may be ordered by adding "S" to the catalog number (e.g. 1485RS-P1M5-C).