

Connectivity Solutions



M12 PVC Cordsets

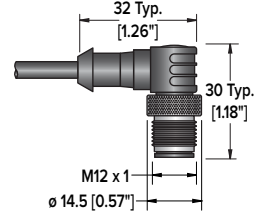
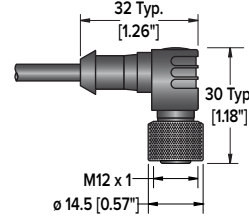
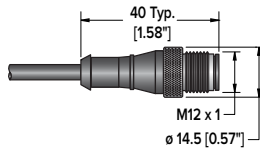
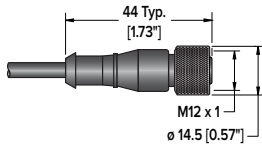
Cable: PVC jacket, PUR (polyurethane) connector body, nickel-plated brass coupling nut

Vibration Shock: Meets IEC 60068-2-6 requirements

Mechanical Shock: Meets IEC 60068-2-27 requirements

Temperature: -40° to +70° C

Environmental Rating: IP66, IP67, IP68, NEMA 1, UL Type 1



4-Pin (Voltage: 250 V DC/AC, Current: 4 A)



	Length	Straight	Right-Angle	Pinout
4-Pin Female QD to Flying Leads	1 m	BC-M12F4-22-1	BC-M12F4A-22-1	
	2 m	BC-M12F4-22-2	BC-M12F4A-22-2	
	5 m	BC-M12F4-22-5	BC-M12F4A-22-5	
	8 m	BC-M12F4-22-8	BC-M12F4A-22-8	
	10 m	BC-M12F4-22-10	BC-M12F4A-22-10	
	15 m	BC-M12F4-22-15	BC-M12F4A-22-15	



4-Pin Male QD to Flying Leads	1 m	BC-M12M4-22-1	—	
	2 m	BC-M12M4-22-2	—	
	5 m	BC-M12M4-22-5	—	
	8 m	BC-M12M4-22-8	—	
	10 m	BC-M12M4-22-10	—	



	Length	Straight/Straight (female/male)	Straight/Right-Angle (female/male)	Pinout
4-Pin Double-Ended	0.3 m	BC-M12F4-M12M4-22-0.3	BC-M12F4-M12M4A-22-0.3	
	0.5 m	BC-M12F4-M12M4-22-0.5	—	
	1 m	BC-M12F4-M12M4-22-1	BC-M12F4-M12M4A-22-1	
	2 m	BC-M12F4-M12M4-22-2	BC-M12F4-M12M4A-22-2	
	3 m	BC-M12F4-M12M4-22-3	—	
	4 m	BC-M12F4-M12M4-22-4	—	
	5 m	BC-M12F4-M12M4-22-5	BC-M12F4-M12M4A-22-5	
	6 m	BC-M12F4-M12M4-22-6	—	
	10 m	BC-M12F4-M12M4-22-10	BC-M12F4-M12M4A-22-10	
	15 m	BC-M12F4-M12M4-22-15	BC-M12F4-M12M4A-22-15	



	Length	Straight	Right-Angle	Pinout
4-Pin Female QD to Flying Leads Open Shield with Drain Wire	2 m	BC-M12F4-22-2-SF	BC-M12F4A-22-2-SF	
	5 m	BC-M12F4-22-5-SF	—	
	10 m	BC-M12F4-22-10-SF	BC-M12F4A-22-10-SF	

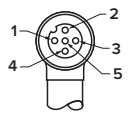
*Not all models are shown. Please contact Banner for other available lengths and double-ended styles.

M12 PVC Cordsets

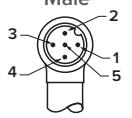


5-Pin (Voltage: 60 V DC/AC, Current: 4 A)

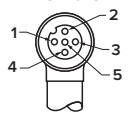
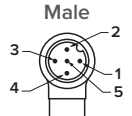


	Length	Straight	Right-Angle	Pinout
5-Pin Female QD to Flying Leads	1 m	BC-M12F5-22-1	BC-M12F5A-22-1	 <p>Female</p> <p>1 = Brown 2 = White 3 = Blue 4 = Black 5 = Gray</p>
	2 m	BC-M12F5-22-2	BC-M12F5A-22-2	
	5 m	BC-M12F5-22-5	BC-M12F5A-22-5	
	8 m	BC-M12F5-22-8	BC-M12F5A-22-8	
	10 m	BC-M12F5-22-10	BC-M12F5A-22-10	
	15 m	BC-M12F5-22-15	—	22 AWG Cable ø – 5.6 mm

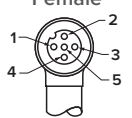


5-Pin Male QD to Flying Leads	1 m	BC-M12M5-22-1	—	 <p>Male</p> <p>1 = Brown 2 = White 3 = Blue 4 = Black 5 = Gray</p>
	2 m	BC-M12M5-22-2	—	
	5 m	BC-M12M5-22-5	—	
	8 m	BC-M12M5-22-8	—	
	10 m	BC-M12M5-22-10	—	



	Length	Straight/Straight (female/male)	Straight/Right-Angle	Pinout
5-Pin Double-Ended	1 m	BC-M12F5-M12M5-22-1	—	 <p>Female</p> <p>1 = Brown 2 = White 3 = Blue 4 = Black 5 = Gray</p>  <p>Male</p> <p>1 = Brown 2 = White 3 = Blue 4 = Black 5 = Gray</p>
	2 m	BC-M12F5-M12M5-22-2	—	
	5 m	BC-M12F5-M12M5-22-5	—	
	8 m	BC-M12F5-M12M5-22-8	—	
	10 m	BC-M12F5-M12M5-22-10	—	



	Length	Straight	Right-Angle	Pinout
5-Pin Female QD to Flying Leads Open Shield with Drain Wire	2 m	BC-M12F5-22-2-SF	BC-M12F5A-22-2-SF	 <p>Female</p> <p>1 = Brown 2 = White 3 = Blue 4 = Black 5 = Gray</p>
	5 m	BC-M12F5-22-5-SF	BC-M12F5A-22-5-SF	
	9 m	BC-M12F5-22-10-SF	BC-M12F5A-22-10-SF	
	15 m	BC-M12F5-22-15-SF	—	

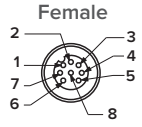
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M12 PVC Cordsets

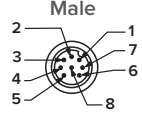


8-Pin (Voltage: 30 V DC/AC, Current: 2 A)

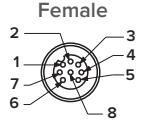
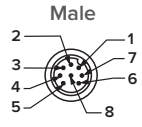


	Length	Straight	Right-Angle	Pinout
8-Pin Female to Flying Leads	1 m	BC-M12F8-24-1	—	 <p>Female</p> <p>1 = White 5 = Gray 2 = Brown 6 = Pink 3 = Green 7 = Blue 4 = Yellow 8 = Red</p> <p>24 AWG Cable ø – 5.9 mm</p>
	2 m	BC-M12F8-24-2	—	
	5 m	BC-M12F8-24-5	—	
	10 m	BC-M12F8-24-10	—	

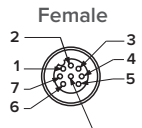


	Length	Straight	Right-Angle	Pinout
8-Pin Male to Flying Leads	1 m	BC-M12M8-24-1	—	 <p>Male</p> <p>1 = White 5 = Gray 2 = Brown 6 = Pink 3 = Green 7 = Blue 4 = Yellow 8 = Red</p> <p>24 AWG Cable ø – 5.9 mm</p>
	2 m	BC-M12M8-24-2	—	
	5 m	BC-M12M8-24-5	—	
	10 m	BC-M12M8-24-10	—	



	Length	Straight/Straight (female/male)	Right-Angle/Straight	Pinout
8-Pin Double-Ended	1 m	BC-M12F8-M12M8-24-1	—	 <p>Female</p> <p>1 = White 5 = Gray 2 = Brown 6 = Pink 3 = Green 7 = Blue 4 = Yellow 8 = Red</p>  <p>Male</p> <p>24 AWG Cable ø – 5.9 mm</p>
	2 m	BC-M12F8-M12M8-24-2	—	
	5 m	BC-M12F8-M12M8-24-5	—	
	8 m	BC-M12F8-M12M8-24-8	—	
	10 m	BC-M12F8-M12M8-24-10	—	



	Length	Straight	Right-Angle	Pinout
8-Pin Female QD to Flying Leads Open Shield with Drain Wire	1 m	BC-M12F8-24-1-SF	—	 <p>Female</p> <p>1 = White 5 = Gray 2 = Brown 6 = Pink 3 = Green 7 = Blue 4 = Yellow 8 = Red</p> <p>24 AWG Cable ø – 5.6 mm</p>
	2 m	BC-M12F8-24-2-SF	BC-M12F8A-24-2-SF	
	5 m	BC-M12F8-24-5-SF	BC-M12F8A-24-5-SF	
	10 m	BC-M12F8-24-10-SF	BC-M12F8A-24-10-SF	
	15 m	BC-M12F8-24-15-SF	—	

*Not all models are shown. Please contact Banner for other available lengths and double-ended styles.

Legacy M12 PVC Cordsets

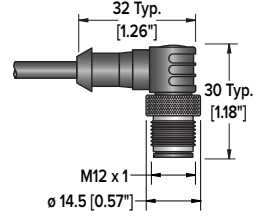
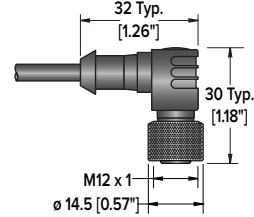
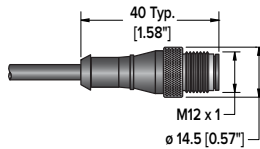
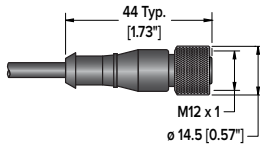
Cable: PVC jacket, PUR (polyurethane) connector body, nickel-plated brass coupling nut

Vibration Shock: Meets IEC 60068-2-6 requirements

Mechanical Shock: Meets IEC 60068-2-27 requirements

Temperature: -40° to +70° C

Environmental Rating: IP66, IP67, IP68, NEMA 1, UL Type 1



4-Pin (Voltage: 250 V DC/AC, Current: 4 A)



	Length	Straight	Right-Angle	Pinout
4-Pin Female QD to Flying Leads	1 m	MQDC-403	—	 1 = Brown 2 = White 3 = Blue 4 = Black
	2 m	MQDC-406	MQDC-406RA	
	3 m	MQDC-410	—	
	5 m	MQDC-415	MQDC-415RA	
	9 m	MQDC-430	MQDC-430RA	
	15 m	MQDC-450	MQDC-450RA	
	18 m	MQDC-460	MQDC-460RA	
	21 m	MQDC-470	MQDC-470RA	
	30 m	MQDC-4100	MQDC-4100RA	
			22 AWG	Cable ϕ – 5.2 mm



	Length	Straight	Right-Angle	Pinout	
4-Pin Male QD to Flying Leads	2 m	MQDMC-406	MQDMC-406RA	 1 = Brown 2 = White 3 = Blue 4 = Black	
	5 m	MQDMC-415	MQDMC-415RA		
	9 m	MQDMC-430	MQDMC-430RA		
				22 AWG	Cable ϕ – 5.2 mm



	Length	Straight/Straight (female/male)	Straight/Right-Angle (female/male)	Pinout	
4-Pin Double-Ended	0.3 m	MQDEC-401SS	MQDEC-401RS	 1 = Brown 2 = White 3 = Blue 4 = Black	
	0.6 m	MQDEC-402SS	—		
	0.9 m	MQDEC-403SS	MQDEC-403RS		
	1.8 m	MQDEC-406SS	MQDEC-406RS		
	3.0 m	MQDEC-410SS	—		
	3.6 m	MQDEC-412SS	MQDEC-412RS		
	4.5 m	MQDEC-415SS	—		
	6.1 m	MQDEC-420SS	MQDEC-420RS		
	9.2 m	MQDEC-430SS	MQDEC-430RS		
	15.2 m	MQDEC-450SS	MQDEC-450RS		
				22 AWG	Cable ϕ – 5.2 mm



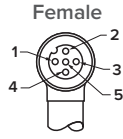
	Length	Straight	Right-Angle	Pinout	
4-Pin Female QD to Flying Leads Open Shield with Drain Wire	2 m	MQDEC2-406	MQDEC2-406RA	 1 = Brown 2 = White 3 = Blue 4 = Black	
	5 m	MQDEC2-415	MQDEC2-415RA		
	9 m	MQDEC2-430	MQDEC2-430RA		
	15 m	MQDEC2-450	MQDEC2-450RA		
				22 AWG	Cable ϕ – 5.2 mm

*Not all models are shown. Please contact Banner for other available lengths and double-ended styles.

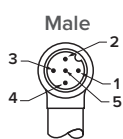
Legacy M12 PVC Cordsets

5-Pin (Voltage: 60 V DC/AC, Current: 4 A)

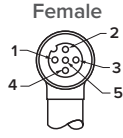


	Length	Straight	Right-Angle		Pinout
5-Pin Female QD to Flying Leads	0.9 m	MQDC1-503	—		1 = Brown 2 = White 3 = Blue 4 = Black 5 = Gray
	2 m	MQDC1-506	MQDC1-506RA		
	5 m	MQDC1-515	MQDC1-515RA		
	9 m	MQDC1-530	MQDC1-530RA		
	18 m	MQDC1-560	—		
	30 m	MQDC1-5100	—		
				22 AWG	Cable ø – 5.6 mm

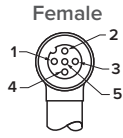


5-Pin Male QD to Flying Leads	2 m	MQDMC-506	MQDMC-506RA		1 = Brown 2 = White 3 = Blue 4 = Black 5 = Gray
	5 m	MQDMC-515	MQDMC-515RA		
	9 m	MQDMC-530	MQDMC-530RA		
				22 AWG	Cable ø – 5.6 mm



	Length	Straight/Straight (female/male)	Straight/Right-Angle		Pinout
5-Pin Double-Ended	0.3 m	MQDEC-501SS	—		1 = Brown 2 = White 3 = Blue 4 = Black 5 = Gray
	1 m	MQDEC-503SS	—		
	2 m	MQDEC-506SS	—		
	5 m	MQDEC-515SS	—		
	9 m	MQDEC-530SS	—		
	15 m	MQDEC-550SS	—		
				22 AWG	Cable ø – 5.6 mm


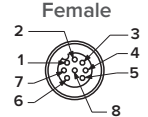

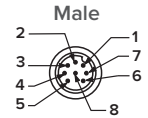

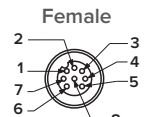

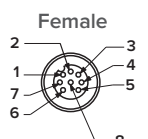


	Length	Straight	Right-Angle		Pinout
5-Pin Female QD to Flying Leads Open Shield with Drain Wire	2 m	MQDEC2-506	MQDEC2-506RA		1 = Brown 2 = White 3 = Blue 4 = Black 5 = Gray
	5 m	MQDEC2-515	MQDEC2-515RA		
	9 m	MQDEC2-530	MQDEC2-530RA		
	15 m	MQDEC2-550	MQDEC2-550RA		
	23 m	MQDEC2-575	MQDEC2-575RA		
	30 m	MQDEC2-5100	MQDEC2-5100RA		
				22 AWG	Cable ø – 5.7 mm


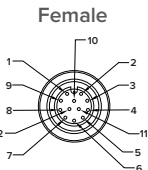
*Not all models are shown. Please contact Banner for other available lengths and double-ended styles.

Legacy M12 PVC Cordsets

8-Pin (Voltage: 30 V DC/AC, Current: 2 A)

	Length	Straight	Right-Angle		Pinout
 8-Pin Female to Flying Leads	2 m	MQDC1-806	MQDC1-806RA	 Female	1 = White 5 = Gray 2 = Brown 6 = Pink 3 = Green 7 = Blue 4 = Yellow 8 = Red
	5 m	MQDC1-815	MQDC1-815RA		
	9 m	MQDC1-830	MQDC1-830RA		
	15 m	MQDC1-850	MQDC1-850RA		
	30 m	MQDC1-8100	—		
				24 AWG	Cable ø – 5.9 mm
 8-Pin Male to Flying Leads	2 m	MQDMC1-806	—	 Male	1 = White 5 = Gray 2 = Brown 6 = Pink 3 = Green 7 = Blue 4 = Yellow 8 = Red
	5 m	MQDMC1-815	—		
	9 m	MQDMC1-830	—		
	15 m	MQDMC1-850	—		
				24 AWG	Cable ø – 5.9 mm
 8-Pin Double-Ended	1 m	MQDEC1-803SS	—	 Female	1 = White 5 = Gray 2 = Brown 6 = Pink 3 = Green 7 = Blue 4 = Yellow 8 = Red
	2 m	MQDEC1-806SS	—		
	5 m	MQDEC1-815SS	—		
	9 m	MQDEC1-830SS	—		
	15 m	MQDEC1-850SS	—		
	30 m	MQDEC1-8100SS	—		
				24 AWG	Cable ø – 5.9 mm
 8-Pin Female QD to Flying Leads Open Shield with Drain Wire	2 m	MQDC2S-806	MQDC2S-806RA	 Female	1 = White 5 = Gray 2 = Brown 6 = Pink 3 = Green 7 = Blue 4 = Yellow 8 = Red
	5 m	MQDC2S-815	MQDC2S-815RA		
	10 m	MQDC2S-830	MQDC2S-830RA		
	16 m	MQDC2S-850	MQDC2S-850RA		
	31 m	MQDC2S-8100	—		
				24 AWG	Cable ø – 5.6 mm

12-Pin (Voltage: 30 V DC/AC, Current: 2 A)

	Length	Straight	Right-Angle		Pinout
 12-Pin Female to Flying Leads	2 m	MQDC-1206	—	 Female	1 = White 7 = Blue 2 = Brown 8 = Red 3 = Green 9 = Orange 4 = Yellow 10 = Tan 5 = Gray 11 = Black 6 = Pink 12 = Violet
	3 m	MQDC-1210	—		
	5 m	MQDC-1215	—		
	9 m	MQDC-1230	—		
				24 AWG	Cable ø – 6.35 mm

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M12 PUR Cordsets

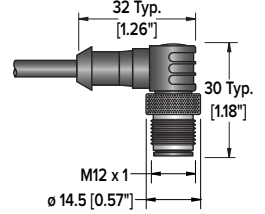
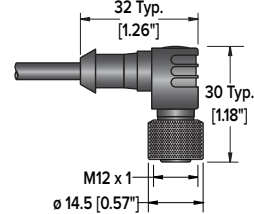
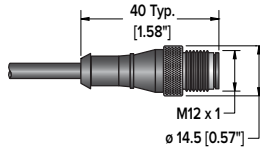
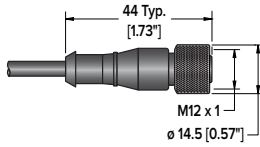
Cable: PUR jacket, PUR (polyurethane) connector body, nickel-plated brass coupling nut

Vibration Shock: Meets IEC 60068-2-6 requirements

Mechanical Shock: Meets IEC 60068-2-27 requirements

Temperature: -40° to +70° C

Environmental Rating: IP66, IP67, IP68, NEMA 1, UL Type 1



4-Pin (Voltage: 250 V DC/AC, Current: 4 A)



	Length	Straight	Right-Angle		Pinout
4-Pin Female QD to Flying Leads	2 m	MQDC-406-PUR	MQDC-406RA-PUR	<p>Female 22 AWG</p>	1 = Brown 2 = White 3 = Blue 4 = Black Cable ø – 4.1 mm
	5 m	MQDC-415-PUR	MQDC-415RA-PUR		
	10 m	MQDC-430-PUR	MQDC-430RA-PUR		



	Length	Straight/Straight (female/male)	Right-Angle/Straight (female/male)		Pinout
4-Pin Double-Ended	0.3 m	MQDEC-401SS-PUR	MQDEC-401SR-PUR	<p>Female</p>	1 = Brown 2 = White 3 = Blue 4 = Black Cable ø – 4.1 mm
	0.6 m	MQDEC-402SS-PUR	MQDEC-402SR-PUR		
	1 m	MQDEC-403SS-PUR	MQDEC-403SR-PUR		
	2 m	MQDEC-406SS-PUR	MQDEC-406SR-PUR	<p>Male</p>	
	3 m	MQDEC-409SS-PUR	MQDEC-409SR-PUR		
	5 m	MQDEC-415SS-PUR	MQDEC-415SR-PUR		
	10 m	MQDEC-430SS-PUR	MQDEC-430SR-PUR		

*Not all models are shown. Please contact Banner for other available lengths and double-ended styles.

M12 Specialty Cordsets

Lighted Cordsets

Cable: PVC jacket, translucent white PVC connector body, nickel-plated brass coupling nut

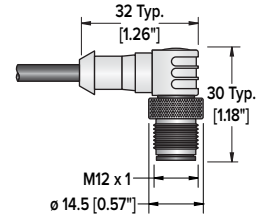
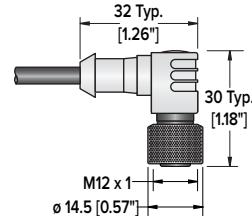
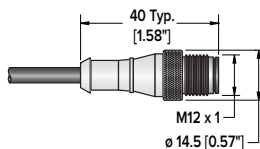
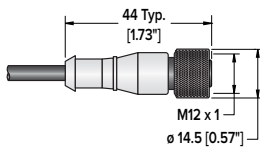
Vibration Shock: Meets IEC 60068-2-6 requirements

Mechanical Shock: Meets IEC 60068-2-27 requirements

Temperature: Max current of 1.0 A: -40 to +60 °C
 Max current of 2.0 A: -40 to +55 °C
 Max current of 4.0 A: -40 to +45 °C

Environmental Rating: IP66, IP67, IP68, NEMA 1, UL Type 1

LED Operation: Green LED indicates power ON; Yellow LED overrides green LED when pin 4 is active



4-Pin (Voltage: 10 to 30 V DC at 15 mA max)



	Length	Straight	Right-Angle		Pinout
4-Pin PNP	2 m	MQDC-406-GYP	MQDC-406-GYPRA	 22 AWG	1 = Brown 2 = White 3 = Blue 4 = Black (ouput LED) Cable ø – 5.2 mm
	5 m	MQDC-415-GYP	MQDC-415-GYPRA		
	9 m	MQDC-430-GYP	MQDC-430-GYPRA		
4-Pin NPN	2 m	MQDC-406-GYN	MQDC-406-GYNRA	 22 AWG	1 = Brown 2 = White 3 = Blue 4 = Black (ouput LED) Cable ø – 5.2 mm
	5 m	MQDC-415-GYN	MQDC-415-GYNRA		
	9 m	MQDC-430-GYN	MQDC-430-GYNRA		

5-Pin (Voltage: 10 to 30 V DC at 15 mA max)



	Length	Straight	Right-Angle		Pinout
5-Pin PNP	2 m	MQDC-506-GYP	MQDC-506-GYPRA	 22 AWG	1 = Brown 2 = White 3 = Blue 4 = Black (ouput LED) 5 = Gray Cable ø – 5.6 mm
	5 m	MQDC-515-GYP	MQDC-515-GYPRA		
	9 m	MQDC-530-GYP	MQDC-530-GYPRA		
5-Pin NPN	2 m	MQDC-506-GYN	MQDC-506-GYNRA	 22 AWG	1 = Brown 2 = White 3 = Blue 4 = Black (ouput LED) 5 = Gray Cable ø – 5.6 mm
	5 m	MQDC-515-GYN	MQDC-515-GYNRA		
	9 m	MQDC-530-GYN	MQDC-530-GYNRA		

M12 Specialty Cordsets

Coiled Cordsets

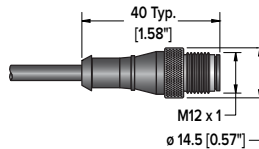
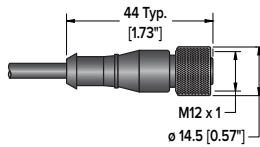
Cable: PUR jacket, black PUR connector body, nickel-plated brass coupling nut

Vibration Shock: Meets IEC 60068-2-6 requirements

Mechanical Shock: Meets IEC 60068-2-27 requirements

Temperature: -40° to +70° C

Environmental Rating: IP67, IP69K, NEMA 1, 3, 4, 6P, 13



4-Pin (Voltage: 250 V DC/AC, Current: 4 A)



	Length (retracted to extended)	Straight	Pinout
4-Pin	0.8 to 1.7 m	MQDC-401.7M-PUR-C	<p>Female</p> <p>1 = Brown 2 = White 3 = Blue 4 = Black</p> <p>22 AWG Cable ø – 5.2 mm</p>
	1.0 to 2.6 m	MQDC-402.6M-PUR-C	
	1.2 to 3.3 m	MQDC-403.3M-PUR-C	



	Length (retracted to extended)	Straight/Straight	Pinout
4-Pin Double-Ended Cordsets	0.8 to 1.7 m	MQDEC-401.7M-PUR-C	<p>Female</p> <p>1 = Brown 2 = White 3 = Blue 4 = Black</p> <p>22 AWG Cable ø – 5.2 mm</p>
	1.0 to 2.6 m	MQDEC-403.3M-PUR-C	

M12 Specialty Cordsets

High Pressure and Temperature Washdown Cordsets

Cable: PVC jacket, 316 stainless steel nut

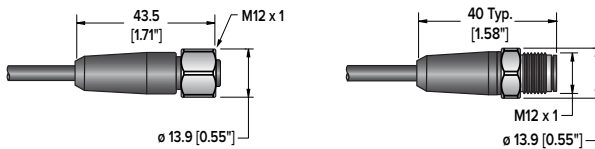
Vibration Shock: Meets IEC 60068-2-6 requirements

Mechanical Shock: Meets IEC 60068-2-27 requirements

Temperature: -40 to +70 °C

Environmental Rating: IP66, IP67, IP68, IP69K, NEMA 1, UL Type 1

Certifications: **ECOLAB** test F and E Nr. 40-1



4-Pin (Voltage: 250 V DC/AC, Current: 4 A)



	Length	Straight	Pinout
4-Pin	2 m	MQDC-WDSS-0406	 Female 1 = Brown 2 = White 3 = Blue 4 = Black 22 AWG Cable ø – 4.8 mm
	5 m	MQDC-WDSS-0415	
	9 m	MQDC-WDSS-0430	



	Length	Straight/Straight	Pinout
4-Pin Double-Ended	0.31 m	MQDEC-WDSS-401SS	 Female 1 = Brown 2 = White 3 = Blue 4 = Black
	0.91 m	MQDEC-WDSS-403SS	
	1.83 m	MQDEC-WDSS-406SS	 Male 1 = Brown 2 = White 3 = Blue 4 = Black 22 AWG Cable ø – 4.8 mm
	3.7 m	MQDEC-WDSS-412SS	

5-Pin (Voltage: 60 V DC/AC, Current: 4 A)



	Length	Straight	Pinout
5-Pin	2 m	MQDC-WDSS-0506	 Female 1 = Brown 2 = White 3 = Blue 4 = Black 5 = Gray 22 AWG Cable ø – 5.2 mm
	5 m	MQDC-WDSS-0515	
	9 m	MQDC-WDSS-0530	



	Length	Straight/Straight	Pinout
5-Pin Double-Ended	1.5 m	MQDEC-WDSS-505SS	 Female 1 = Brown 2 = White 3 = Blue 4 = Black 5 = Gray
	3 m	MQDEC-WDSS-510SS	
	4.57 m	MQDEC-WDSS-515SS	 Male 1 = Brown 2 = White 3 = Blue 4 = Black 5 = Gray 22 AWG Cable ø – 4.8 mm

M12 Specialty Cordsets

Chemical Washdown Cordsets

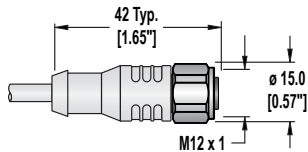
Cable: White polypropylene jacket, polypropylene connector body, polypropylene contact carriers, 316 stainless steel nut

Vibration Shock: Meets IEC 60068-2-6 requirements

Mechanical Shock: Meets IEC 60068-2-27 requirements

Temperature: -40 °C to +90 °C

Environmental Rating: IP68, NEMA 1, 3, 4, 6P



5-Pin (Voltage: 250 V DC/AC, Current: 4 A)



	Length	Straight	Pinout
5-Pin Female QD to Flying Leads Open Shield with Drain Wire	2 m	MQDCWD-506	<p>Female</p> <p>1 = Brown 2 = White 3 = Blue 4 = Black 5 = Gray</p> <p>22 AWG Cable ϕ – 4.5 mm</p>
	9 m	MQDCWD-530	

Namur

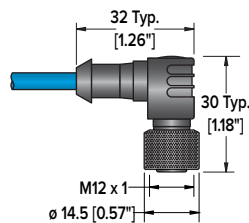
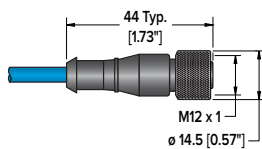
Cable: Blue PVC jacket, PUR connector body, nickel-plated brass coupling nut

Vibration Shock: Meets IEC 60068-2-6 requirements

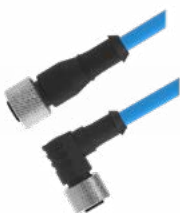
Mechanical Shock: Meets IEC 60068-2-27 requirements

Temperature: -40 °C to +105 °C

Environmental Rating: IP67, NEMA 1, 3, 4, 6P, 13



4-Pin (Voltage: 250 V DC/AC, Current: 4 A)



	Length	Straight	Right-Angle	Pinout
4-Pin	2 m	MQD9-406	MQD9-406RA	<p>Female</p> <p>1 = Brown 2 = Blue</p> <p>20 AWG Cable ϕ – 5.2 mm</p>
	5 m	MQD9-415	MQD9-415RA	
	9 m	MQD9-430	MQD9-430RA	

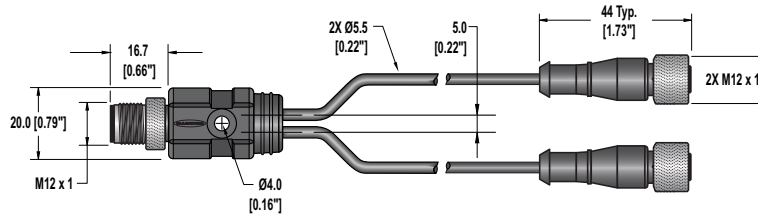
M12 Splitters, Combiners, and Tees

Round QD Splitters

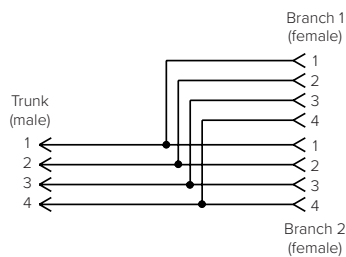
Cable: PVC jacket, PUR (polyurethane) connector body, nickel-plated brass coupling nut

Temperature: -40 to +90 °C

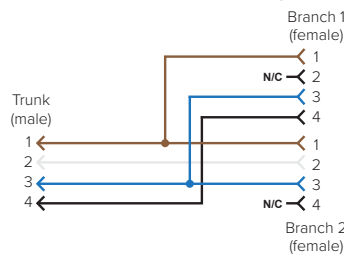
Environmental Rating: IP68



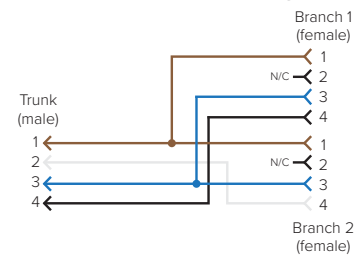
Example of Parallel 4-Pin Wiring



S15YA24-M124-M124-0.2M
Non-parallel 4-Pin Wiring



S15YA4-M124-M124-0.2M
Non-parallel 4-Pin Wiring



4-Pin (Voltage: 60 V DC/AC, Current: 2 A)



	Models	Cable Lengths		Pinout
		Trunk (Male)	Branches (Female)	
4-Pin	CSRB-M1240M1241	No Trunk/ Integral QD	0.3 m	 1 = Brown 2 = White 3 = Blue 4 = Black
	CSRB-M1240M1242		0.6 m	
	CSRB-M1240M1243		0.9 m	
	CSRB-M1240M1244		1.2 m	
4-Pin	S15YA24-M124-M124-0.2M	No Trunk/ Integral QD	0.2 m	 4 x 22 AWG Cable ø – 5.5 mm
	S15YA4-M124-M124-0.2M			
	S15YB-M124-M124-0.2M			

5-Pin (Voltage: 60 V DC/AC, Current: 2 A)



	Models	Cable Lengths		Pinout
		Trunk (Male)	Branches (Female)	
5-Pin	CSRB-M1250M125.47M125.73	No Trunk/ Integral QD	Branch 1 0.14 m Branch 2 0.22 m	 1 = Brown 2 = White 3 = Blue 4 = Black 5 = Gn/Ye
				 5 x 22 AWG Cable ø – 5.5 mm

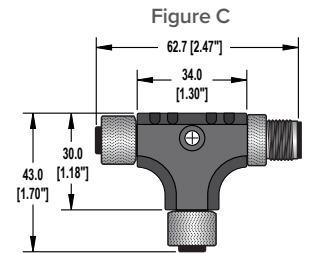
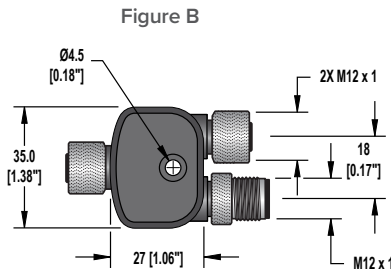
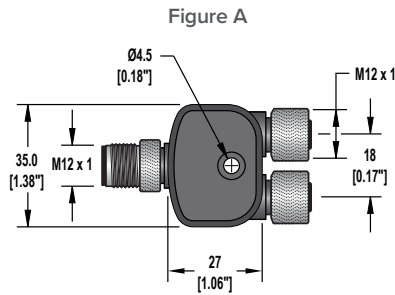
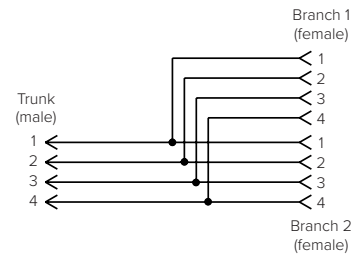
Compact Flat QD Splitters and Tees

Cable: PVC jacket, PUR (polyurethane) connector body, nickel-plated brass coupling nut

Temperature: -40 to +90 °C

Environmental Rating: IP68

Example of Parallel 4-Pin Wiring



4-Pin (Voltage: 250 V DC/AC, Current: 4 A)



	Models	Dimensional Drawing	Pinout
4-Pin	CSB-M1240M1240	Figure A	<p>Female</p> <p>1 = Brown 2 = White 3 = Blue 4 = Black</p> <p>Male</p> <p>22 AWG Cable ø – 6.0 mm</p>

5-Pin (Voltage: 30 V DC/AC, Current: 2 A)



	Models	Dimensional Drawing	Pinout
5-Pin	CSB-M1250M1250-T	Figure C	<p>Female</p> <p>1 = Brown 2 = White 3 = Blue 4 = Black 5 = Gray</p> <p>Male</p> <p>22 AWG Cable ø – 5.5 mm</p>
	CSB-M1250M1250A	Figure A	
	CSB-M1250M1250	Figure B	

8-Pin (Voltage: 60 V DC/AC, Current: 2 A)



	Models	Dimensional Drawing	Pinout
8-Pin	CSB-M1280M1280	Figure A	<p>Female</p> <p>1 = Brown 2 = Or/Bk 3 = Orange 4 = White 5 = Black 6 = Blue 7 = Gr/Ye 8 = Violet</p> <p>Male</p> <p>22 AWG Cable ø – 6.0 mm</p>

M12 Splitters, Combiners, and Tees

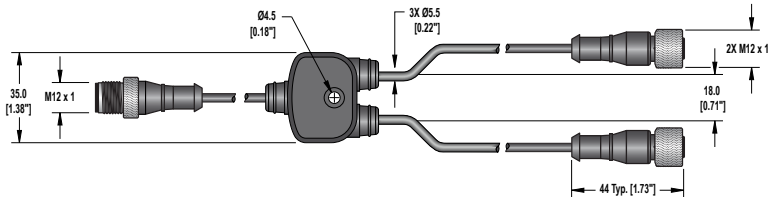
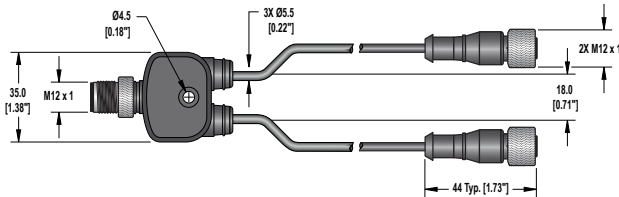
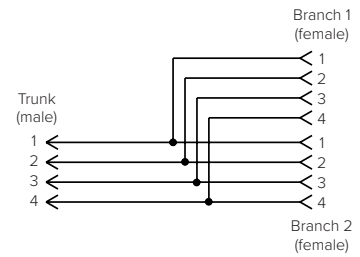
Flat QD Splitters

Cable: PVC jacket, PUR (polyurethane) connector body, nickel-plated brass coupling nut

Temperature: -40 to +90 °C

Environmental Rating: IP68

Example of Parallel 4-Pin Wiring



4-Pin (Voltage: 250 V DC/AC, Current: 4 A)



	Models	Cable Lengths		Pinout
		Trunk (Male)	Branches (Female)	
4-Pin	CSB-M1240M1241	No Trunk/Integral QD	2 x 0.3 m	Female 1 = Brown 2 = White 3 = Blue 4 = Black Male 22 AWG Cable ø – 6.0 mm
	CSB-M1241M1241	0.3 m	2 x 0.3 m	
	CSB-M1243M1243	1 m	2 x 1 m	
	CSB-M1248M1241	2.4 m	2 x 0.3 m	
	CSB-M12415M1241	4.6 m	2 x 0.3 m	
	CSB-UNT425M1241	7.6 m Unterminated	2 x 0.3 m	

5-Pin (Voltage: 30 V DC/AC, Current: 2 A)



	Models	Cable Lengths		Pinout
		Trunk	Branches	
5-Pin	CSB-M1251M1251B	0.3 m (Male)	2 x 0.3 m (Female)	Female 1 = Brown 2 = White 3 = Blue 4 = Black 5 = Gray Male 22 AWG Cable ø – 5.9 mm
	CSB-M1251FM1251M	0.3 m (Female)	2 x 0.3 m (Male)	

8-Pin (Voltage: 60 V DC/AC, Current: 2 A)



	Models	Cable Lengths		Pinout
		Trunk (Male)	Branches (Female)	
8-Pin	CSB-M1281M1281B	0.3 m	2 x 0.3 m	Female 1 = Brown 2 = Or/Bk 3 = Orange 4 = White 5 = Black 6 = Blue 7 = Gr/Ye 8 = Violet Male 22 AWG Cable ø – 6.0 mm

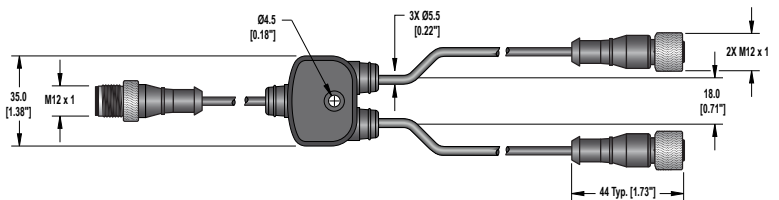
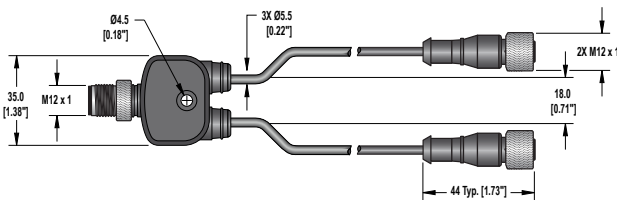
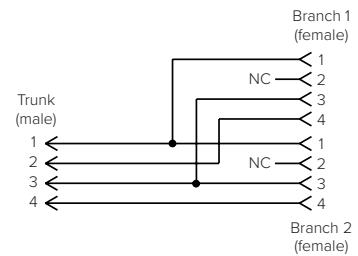
Wiring Combiners

Cable: PVC jacket, PUR (polyurethane) connector body, nickel-plated brass coupling nut

Temperature: -40 to +105 °C

Environmental Rating: IP68

Example of 4-Pin Wiring



4-Pin (Voltage: 250 V DC/AC, Current: 4 A)

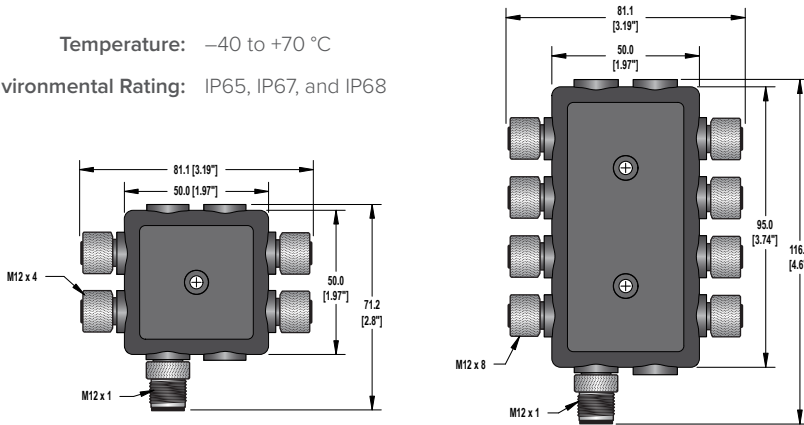
	Models	Cable Lengths		Pinout
		Trunk (Male)	Branches (Female)	
4-Pin	CSA-M1240M1241	No Trunk/ Integral QD	2 x 0.3 m	 1 = Brown 2 = White 3 = Blue 4 = Black
	CSA-M1240M1243	No Trunk/ Integral QD	2 x 1 m	
	CSA-M1240M1246	No Trunk/ Integral QD	2 x 2 m	
	CSA-M1241M1241	0.3 m	2 x 0.3 m	
	CSA-M1243M1243	1 m	2 x 1 m	
	CSA-M1246M1246	2 m	2 x 2 m	
				 22 AWG Cable ø – 6.0 mm



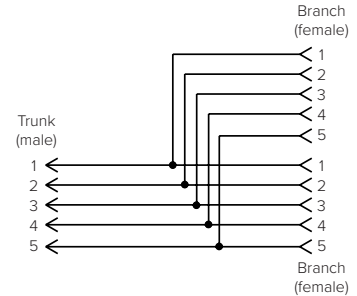
M12 Molded Junction Blocks and Multi-port Splitters

Molded Junction Blocks

Temperature: -40 to +70 °C
 Environmental Rating: IP65, IP67, and IP68



Example of Parallel 5-Pin Wiring (diagram applies to all branches)



5-Pin (Voltage: 30 V DC/AC, Current: 2 A)

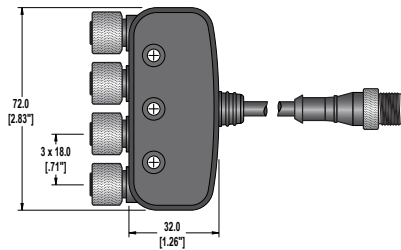


	Models	Cable Lengths		Pinout
		Branches (Female)	Trunk (Male)	
5-Pin	R50-4M125-M125Q-P	4 x No Branch/ Integral QD	No Trunk/Integral QD	<p>Male</p> <p>1 = Brown 2 = White 3 = Blue 4 = Black 5 = Gray</p> <p>Female</p>
	R95-8M125-M125Q-P	8 x No Branch/ Integral QD	No Trunk/Integral QD	

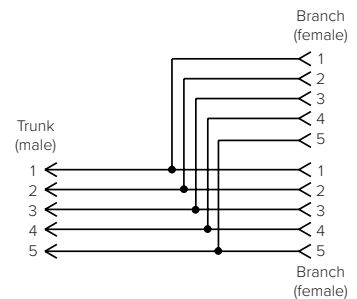
Multi-port Splitters

Cable: PVC jacket, PUR (polyurethane) connector body, nickel-plated brass coupling nut

Temperature: -40° to +90° C
 Environmental Rating: IP68



Example of Parallel 5-Pin Wiring (diagram applies to all branches)



5-Pin (Voltage: 30 V DC/AC, Current: 2 A)



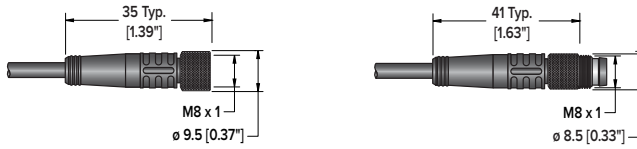
	Models	Cable Lengths		Pinout
		Branches (Female)	Trunk (Male)	
5-Pin	CSB4-M1251M1250	4 x No Branch / Integral QD	0.3 m	<p>Female</p> <p>1 = Brown 2 = White 3 = Blue 4 = Black</p> <p>Male</p> <p>4 x 22 AWG Cable ø – 5.6 mm</p>

M8 PVC Cordsets








Cable: PVC jacket, PUR (polyurethane) connector body, nickel-plated brass coupling nut

Temperature: -40° to +70° C

Environmental Rating: IP67



3-Pin (Voltage: 30 V DC, Current: 4 A)

	Length	Straight	Pinout
 3-Pin Female QD to Flying Leads	0.5 m	BC-M8F3-24-0.5	 Female 1 = Brown 3 = Blue 4 = Black
	1 m	BC-M8F3-24-1	
	2 m	BC-M8F3-24-2	
	5 m	BC-M8F3-24-5	
	8 m	BC-M8F3-24-8	
	10 m	BC-M8F3-24-10	
 3-Pin Male QD to Flying Leads	0.5 m	BC-M8M3-24-0.5	 Male 1 = Brown 3 = Blue 4 = Black
	1 m	BC-M8M3-24-1	
	2 m	BC-M8M3-24-2	
	5 m	BC-M8M3-24-5	
	8 m	BC-M8M3-24-8	
	10 m	BC-M8M3-24-10	
 3-Pin Double-Ended	0.5 m	BC-M8F3-M8M3-24-0.5	 Female 1 = Brown 3 = Blue 4 = Black  Male 1 = Brown 3 = Blue 4 = Black
	1 m	BC-M8F3-M8M3-24-1	
	2 m	BC-M8F3-M8M3-24-2	
	5 m	BC-M8F3-M8M3-24-5	
	8 m	BC-M8F3-M8M3-24-8	
	10 m	BC-M8F3-M8M3-24-10	

*Not all models are shown. Please contact Banner for other available lengths and double-ended styles.

M8 PVC Cordsets



4-Pin (Voltage: 30 V DC, Current: 4 A)



	Length	Straight	Pinout	
4-Pin Female QD to Flying Leads	0.5 m	BC-M8F4-24-0.5		1 = Brown 2 = White 3 = Blue 4 = Black
	1 m	BC-M8F4-24-1		
	2 m	BC-M8F4-24-2		
	5 m	BC-M8F4-24-5		
	8 m	BC-M8F4-24-8		
	10 m	BC-M8F4-24-10		



4-Pin Male QD to Flying Leads	0.5 m	BC-M8M4-24-0.5		1 = Brown 2 = White 3 = Blue 4 = Black
	1 m	BC-M8M4-24-1		
	2 m	BC-M8M4-24-2		
	5 m	BC-M8M4-24-5		
	8 m	BC-M8M4-24-8		
	10 m	BC-M8M4-24-10		



	Length	Straight/Straight (female/male)	Pinout	
4-Pin Double-Ended	0.5 m	BC-M8F4-M8M4-24-0.5		1 = Brown 2 = White 3 = Blue 4 = Black
	1 m	BC-M8F4-M8M4-24-1		
	2 m	BC-M8F4-M8M4-24-2		
	5 m	BC-M8F4-M8M4-24-5		
	8 m	BC-M8F4-M8M4-24-8		
	10 m	BC-M8F4-M8M4-24-10		

*Not all models are shown. Please contact Banner for other available lengths and double-ended styles.

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