

# M12 Connectivity Solutions



# M12 PVC Cordsets

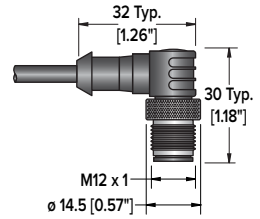
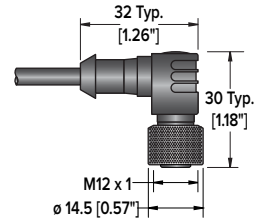
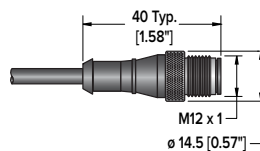
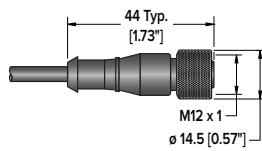
**Cable:** PVC jacket, PUR (polyurethane) connector body, nickel-plated brass coupling nut

**Vibration Shock:** Meets IEC 60068-2-6 requirements

**Mechanical Shock:** Meets IEC 60068-2-27 requirements

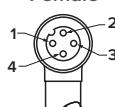
**Temperature:** -40° to +70° C

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

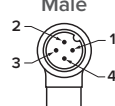


## 4-Pin (Voltage: 250 V dc/ac, Current: 4 A)

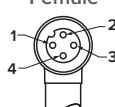


	Length	Straight	Right-Angle	Pinout
4-Pin Female QD to Flying Leads	1 m	MQDC-403	—	 <p>Female</p> <p>1 = Brown 2 = White 3 = Blue 4 = Black</p>
	2 m	MQDC-406	MQDC-406RA	
	3 m	MQDC-410	—	
	5 m	MQDC-415	MQDC-415RA	
	9 m	MQDC-430	MQDC-430RA	
	15 m	MQDC-450	MQDC-450RA	
	18 m	MQDC-460	MQDC-460RA	
	21 m	MQDC-470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

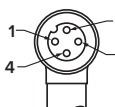


	Length	Straight	Right-Angle	Pinout
4-Pin Male QD to Flying Leads	2 m	MQDMC-406	MQDMC-406RA	 <p>Male</p> <p>1 = Brown 2 = White 3 = Blue 4 = Black</p>
	5 m	MQDMC-415	MQDMC-415RA	
	9 m	MQDMC-430	MQDMC-430RA	
				22 AWG Cable ø – 5.2 mm



	Length	Straight/Straight (female/male)	Straight/Right-Angle (female/male)	Pinout
4-Pin Double-Ended	0.3 m	MQDEC-401SS	MQDEC-401RS	 <p>Female</p> <p>1 = Brown 2 = White 3 = Blue 4 = Black</p>
	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 ø – 5.2 mm



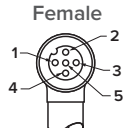
	Length	Straight	Right-Angle	Pinout
4-Pin Female QD to Flying Leads Open Shield with Drain Wire	2 m	MQDEC2-406	MQDEC2-406RA	 <p>Female</p> <p>1 = Brown 2 = White 3 = Blue 4 = Black</p>
	5 m	MQDEC2-415	MQDEC2-415RA	
	9 m	MQDEC2-430	MQDEC2-430RA	
	15 m	MQDEC2-450	MQDEC2-450RA	
				22 AWG Cable ø – 5.2 mm

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

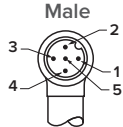
# M12 PVC Cordsets

## 5-Pin (Voltage: 60 V dc/ac, Current: 4 A)

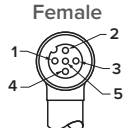


	Length	Straight	Right-Angle	Pinout
5-Pin Female QD to Flying Leads	0.9 m	MQDC1-503	—	 <p>Female</p> <p>1 = Brown 2 = White 3 = Blue 4 = Black 5 = Gray</p>
	2 m	MQDC1-506	MQDC1-506RA	
	5 m	MQDC1-515	MQDC1-515RA	
	9 m	MQDC1-530	MQDC1-530RA	
	18 m	MQDC1-560	—	
	30 m	MQDC1-5100	—	
				22 AWG Cable ø – 5.6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

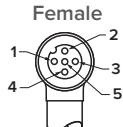


5-Pin Male QD to Flying Leads	2 m	MQDMC-506	MQDMC-506RA	 <p>Male</p> <p>1 = Brown 2 = White 3 = Blue 4 = Black 5 = Gray</p>
	5 m	MQDMC-515	MQDMC-515RA	
	9 m	MQDMC-530	MQDMC-530RA	
				22 AWG Cable ø – 5.6 mm



	Length	Straight/Straight (female/male)	Straight/Right-Angle	Pinout
5-Pin Double-Ended	0.3 m	MQDEC-501SS	—	 <p>Female</p> <p>1 = Brown 2 = White 3 = Blue 4 = Black 5 = Gray</p>
	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



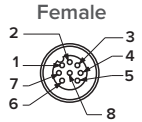
	Length	Straight	Right-Angle	Pinout
5-Pin Female QD to Flying Leads Open Shield with Drain Wire	2 m	MQDEC2-506	MQDEC2-506RA	 <p>Female</p> <p>1 = Brown 2 = White 3 = Blue 4 = Black 5 = Gray</p>
	5 m	MQDEC2-515	MQDEC2-515RA	
	9 m	MQDEC2-530	MQDEC2-530RA	
	15 m	MQDEC2-550	MQDEC2-550RA	
	23 m	MQDEC2-575	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.

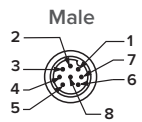
# M12 PVC Cordsets

## 8-Pin (Voltage: 30 V dc/ac, Current: 2 A)

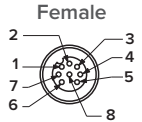
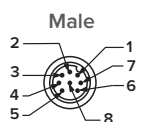


	Length	Straight	Right-Angle	Pinout
8-Pin Female to Flying Leads	2 m	MQDC1-806	MQDC1-806RA	 <p>Female</p> <p>1 = White      5 = Gray 2 = Brown      6 = Pink 3 = Green      7 = Blue 4 = Yellow      8 = Red</p>
	5 m	MQDC1-815	MQDC1-815RA	
	9 m	MQDC1-830	MQDC1-830RA	
	15 m	MQDC1-850	MQDC1-850RA	
	30 m	MQDC1-8100	—	
				24 AWG      Cable ø – 5.9 mm

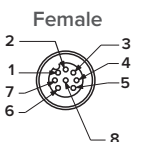


8-Pin Male to Flying Leads	2 m	MQDMC1-806	—	 <p>Male</p> <p>1 = White      5 = Gray 2 = Brown      6 = Pink 3 = Green      7 = Blue 4 = Yellow      8 = Red</p>
	5 m	MQDMC1-815	—	
	9 m	MQDMC1-830	—	
	15 m	MQDMC1-850	—	
				24 AWG      Cable ø – 5.9 mm



	Length	Straight/Straight (female/male)	Right-Angle/Straight	Pinout
8-Pin Double-Ended	1 m	MQDEC1-803SS	—	 <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>1 = White      5 = Gray 2 = Brown      6 = Pink 3 = Green      7 = Blue 4 = Yellow      8 = Red</p>
	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



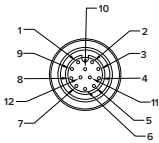
	Length	Straight	Right-Angle	Pinout
8-Pin Female QD to Flying Leads Open Shield with Drain Wire	2 m	MQDC2S-806	MQDC2S-806RA	 <p>Female</p> <p>1 = White      5 = Gray 2 = Brown      6 = Pink 3 = Green      7 = Blue 4 = Yellow      8 = Red</p>
	5 m	MQDC2S-815	MQDC2S-815RA	
	10 m	MQDC2S-830	MQDC2S-830RA	
	16 m	MQDC2S-850	MQDC2S-850RA	
	31 m	MQDC2S-8100	—	
				24 AWG      Cable ø – 5.6 mm

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

# M12 PVC Cordsets

## 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	—		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

# M12 PUR Cordsets

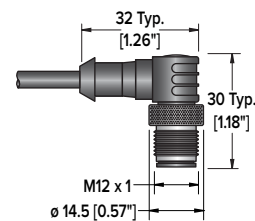
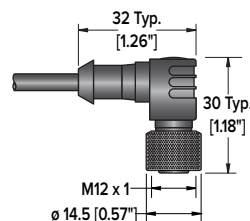
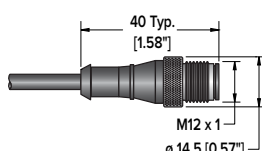
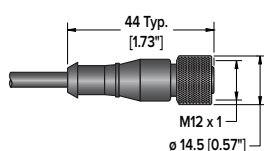
**Cable:** PUR jacket, PUR (polyurethane) connector body, nickel-plated brass coupling nut

**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 1 = Brown 2 = White 3 = Blue 4 = Black 22 AWG Cable ø – 4.1 mm</p>
	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 1 = Brown 2 = White 3 = Blue 4 = Black</p>
	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 1 = Brown 2 = White 3 = Blue 4 = Black 22 AWG Cable ø – 4.1 mm</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

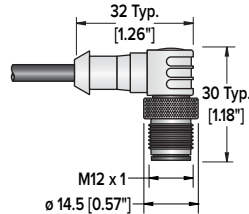
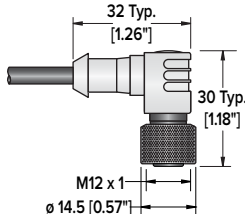
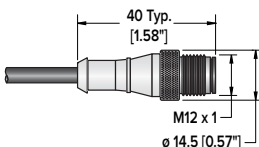
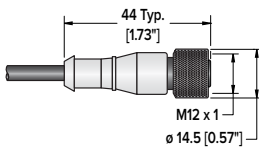
**Vibration Shock:** Meets IEC 60068-2-6 requirements

**Mechanical Shock:** Meets IEC 60068-2-27 requirements


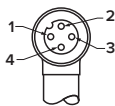

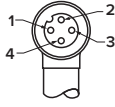
**Temperature:** Max current of 1.0 A: -40 to +60 °C  
Max current of 2.0 A: -40 to +55 °C  
Max current of 4.0 A: -40 to +45 °C

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


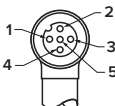

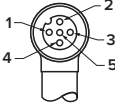
**LED Operation:** Green LED indicates power ON; Yellow LED overrides green LED when pin 4 is active



### 4-Pin (Voltage: 10 V dc 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 V dc 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

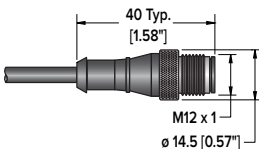
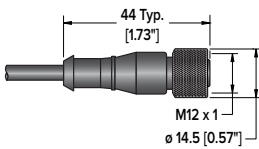
**Cable:** PUR jacket, black PUR connector body, nickel-plated brass coupling nut

**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	 22 AWG Cable ø – 5.2 mm
	1.0 to 2.6 m	MQDC-402.6M-PUR-C	
	1.2 to 3.3 m	MQDC-403.3M-PUR-C	

1 = Brown  
2 = White  
3 = Blue  
4 = Black



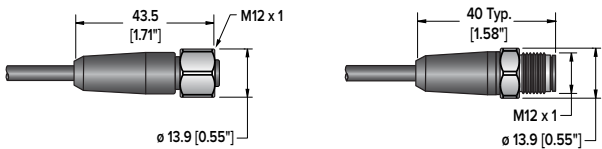
	Length (retracted to extended)	Straight/Straight	Pinout
4-Pin Double-Ended Cordsets	0.8 to 1.7 m	MQDEC-401.7M-PUR-C	  22 AWG Cable ø – 5.2 mm
	1.0 to 2.6 m	MQDEC-403.3M-PUR-C	

1 = Brown  
2 = White  
3 = Blue  
4 = Black

# M12 Specialty Cordsets

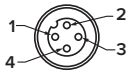
## High Pressure and Temperature Washdown Cordsets

- 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

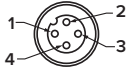


### 4-Pin (Voltage: 250 V dc/ac, Current: 4 A)




	Length	Straight	Pinout
4-Pin	2 m	MQDC-WDSS-0406	 22 AWG 1 = Brown 2 = White 3 = Blue 4 = Black 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	 22 AWG 1 = Brown 2 = White 3 = Blue 4 = Black Cable ø – 4.8 mm
	0.91 m	MQDEC-WDSS-403SS	
	1.83 m	MQDEC-WDSS-406SS	
	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	 22 AWG 1 = Brown 2 = White 3 = Blue 4 = Black 5 = Gray 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	 22 AWG 1 = Brown 2 = White 3 = Blue 4 = Black 5 = Gray Cable ø – 4.8 mm
	3 m	MQDEC-WDSS-510SS	
	4.57 m	MQDEC-WDSS-515SS	

# M12 Specialty Cordsets

## Chemical Washdown Cordsets

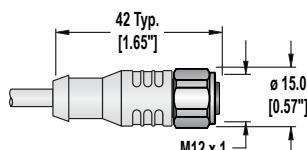
**Cable:** White polypropylene jacket, polypropylene connector body, polypropylene contact carriers, 316 stainless steel nut

**Vibration Shock:** Meets IEC 60068-2-6 requirements

**Mechanical Shock:** Meets IEC 60068-2-27 requirements

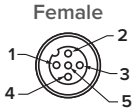
**Temperature:** -40 °C to +90 °C

**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 ø – 4.5 mm</p>
	9 m	MQDCWD-530	

## Namur

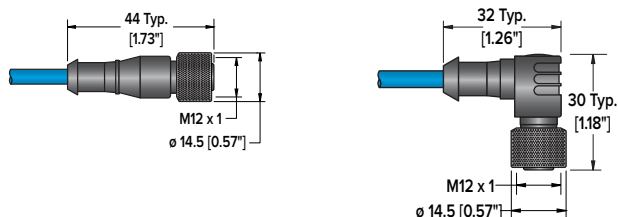
**Cable:** Blue PVC jacket, PUR connector body, nickel-plated brass coupling nut

**Vibration Shock:** Meets IEC 60068-2-6 requirements

**Mechanical Shock:** Meets IEC 60068-2-27 requirements

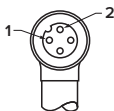
**Temperature:** -40 °C to +105 °C

**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 ø – 5.2 mm</p>
	5 m	MQD9-415	MQD9-415RA	
	9 m	MQD9-430	MQDC-430RA	

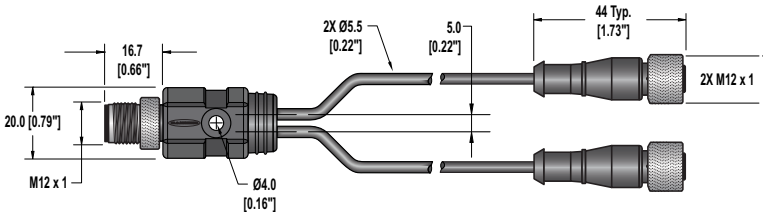
# M12 Splitters, Combiners, and Tees

## Round QD Splitters

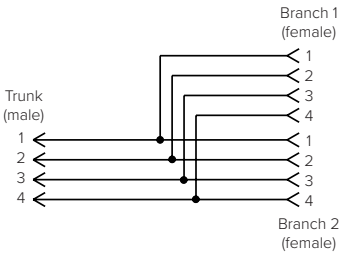
**Cable:** PVC jacket, PUR (polyurethane) connector body, nickel-plated brass coupling nut

**Temperature:** -40 to +90 °C

**Environmental Rating:** IP68

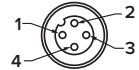



Example of Parallel 4-Pin Wiring





### 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	<div><b>Female</b> </div> <div><b>Male</b> </div> <div>1 = Brown 2 = White 3 = Blue 4 = Black</div>
	CSRB-M1240M1242		0.6 m	
	CSRB-M1240M1243		0.9 m	
	CSRB-M1240M1244		1.2 m	
				4 x 22 AWG      Cable ø – 5.5 mm

### 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	<div><b>Female</b> </div> <div><b>Male</b> </div> <div>1 = Brown 2 = White 3 = Blue 4 = Black 5 = Gn/Ye</div>
				5 x 22 AWG

# M12 Splitters, Combiners, and Tees

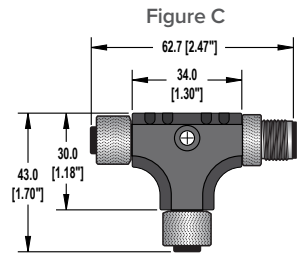
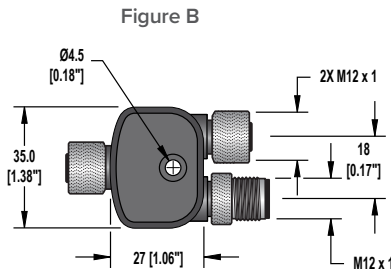
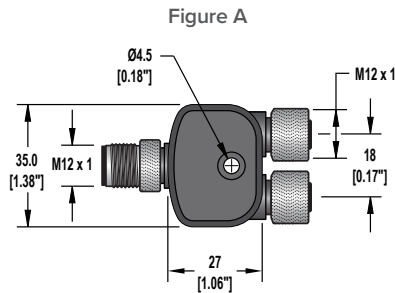
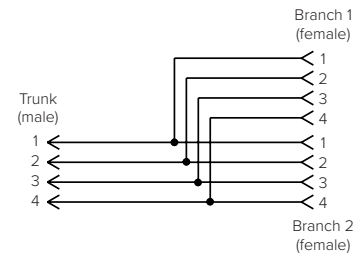
## Compact Flat QD Splitters and Tees

**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><b>Female</b></p> <p>1 = Brown 2 = White 3 = Blue 4 = Black</p> <p><b>Male</b></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><b>Female</b></p> <p>1 = Brown 2 = White 3 = Blue 4 = Black 5 = Gray</p> <p><b>Male</b></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><b>Female</b></p> <p>1 = Brown 2 = Or/Bk 3 = Orange 4 = White 5 = Black 6 = Blue 7 = Gr/Ye 8 = Violet</p> <p><b>Male</b></p> <p>22 AWG Cable ø – 6.0 mm</p>

# M12 Splitters, Combiners, and Tees

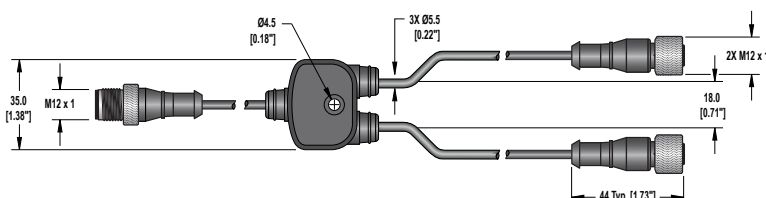
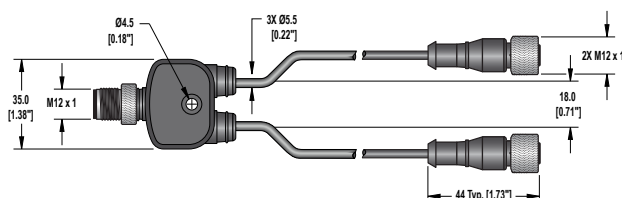
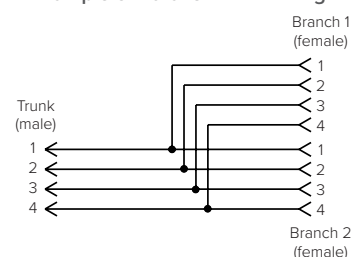
## Flat QD Splitters

**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	<p>1 = Brown 2 = White 3 = Blue 4 = Black</p> <p>22 AWG Cable ø – 6.0 mm</p>
	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)	<p>1 = Brown 2 = White 3 = Blue 4 = Black 5 = Gray</p> <p>22 AWG Cable ø – 5.9 mm</p>
	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	<p>1 = Brown 2 = Or/Bk 3 = Orange 4 = White 5 = Black 6 = Blue 7 = Gr/Ye 8 = Violet</p> <p>22 AWG Cable ø – 6.0 mm</p>

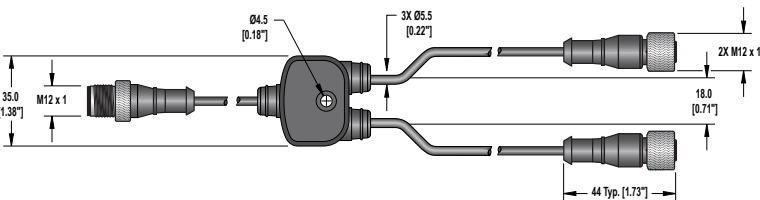
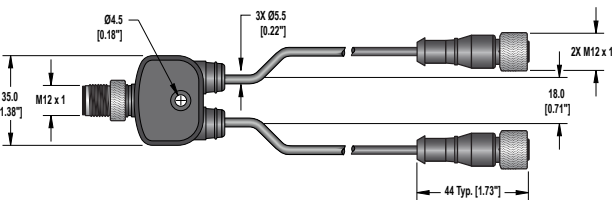
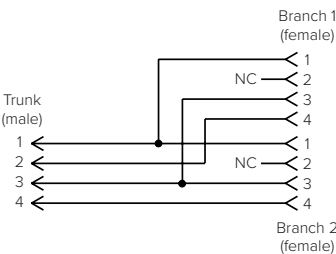
Wiring Combiners

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


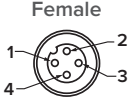
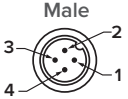
Temperature: -40 to +105 °C

Environmental Rating: IP68

Example of 4-Pin Wiring



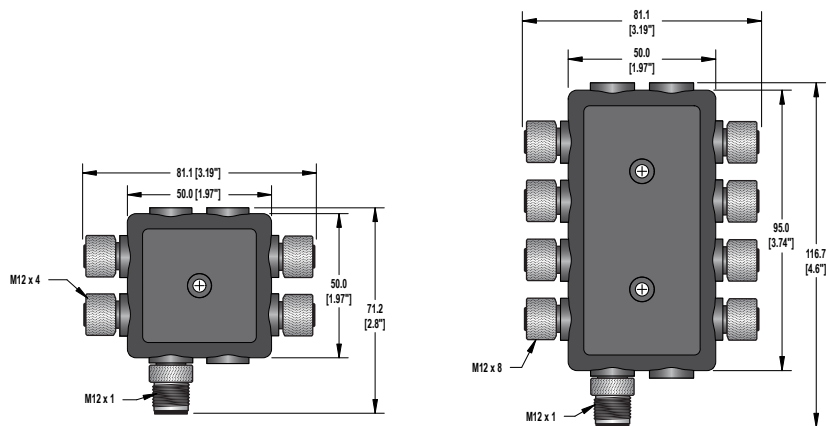
4-Pin (Voltage: 250 V dc/ac, Current: 4 A)

	Models	Cable Lengths		Pinout
		Trunk (Male)	Branches (Female)	
 4-Pin	CSA-M1240M1241	No Trunk/ Integral QD	2 x 0.3 m	 Female 1 = Brown 2 = White 3 = Blue 4 = Black   Male
	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

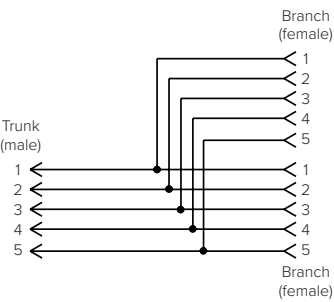
# M12 Molded Junction Blocks

Temperature: -40 to +70 °C

Environmental Rating: IP65, IP67, and IP68


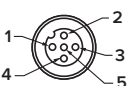


Example of Parallel 5-Pin Wiring  
(diagram applies to all branches)



## 5-Pin (Voltage: 30 V dc/ac, Current: 2 A)



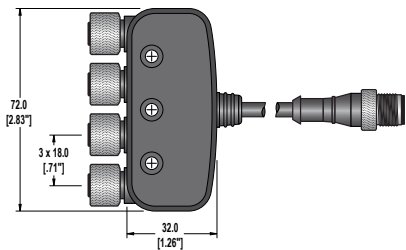
	Models	Cable Lengths		Pinout
		Branches (Female)	Trunk (Male)	
5-Pin	R50-4M125-M125Q-P	4 x No Branch/ Integral QD	No Trunk/Integral QD	<div><p><b>Male</b></p><p>1 = Brown 2 = White 3 = Blue 4 = Black 5 = Gray</p><p><b>Female</b></p></div>
	R95-8M125-M125Q-P	8 x No Branch/ Integral QD	No Trunk/Integral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

# M12 Multi-port Splitters

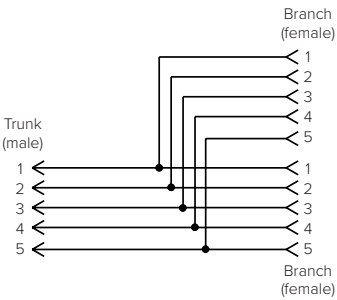
**Cable:** PVC jacket, PUR (polyurethane) connector body, nickel-plated brass coupling nut

**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	<div><div><div><div>Female</div><div></div></div><div><div>Male</div><div></div></div></div><div>1 = Brown 2 = White 3 = Blue 4 = Black</div><div>4 x 22 AWG    Cable ø – 5.6 mm</div></div>



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