

Features

- Nickel plated brass coupling nuts and receptacle shells.
- Beryllium copper socket contacts.
- Standard #22 AWG cable 85% copper braid coverage.
- Black overmold and cable.
- Insulgrip connector body design.
- Plating resists corrosion in high abuse environments.

Benefits

- Strong, resilient base metal ensures contacts maintain their shape and continuity over time.
- Cable resists nicks and abrasions and provides shielding when braid is terminated.
- Cable assembly resists dirt and blends with environment giving a clean look to the installation.
- Ergonomic connector body has an industrial look.

Material Specifications

Insulator Materials	Nylon 6/6, White	Cable	#22 AWG - PVC jacket (black)
Contact Materials	Pins - Brass Sockets - Beryllium copper		PVC conductor insulation Copper braid - 85% coverage Stranding - 19/34
Contact Plating	Hard gold over palladium/nickel		#18 AWG - TPE jacket (black)
Overmold Material	Glass filled polyurethane, Black		PVC conductor insulation Stranding - 41/34
Coupling Nut, Metallic	Nickel plated brass	Strain Relief	#22 AWG - 20 pounds min per UL2238
Coupling Nut, Nylon	Nylon 6/6, Black		#18 AWG - 30 pounds min per UL 2238
Receptacle Shell	Nickel plated brass		

Electrical Specifications

Voltage Rating	300V DC/300V AC
Amperage	#22 AWG - 2&3P=5A, 4&5P=4A, 6P=3A #18 AWG - 2&3P=8A, 4P=6A, 5P=5A
Contact Resistance	≤ 5 mΩ
Isolation Resistance	≥ 1000 MΩ

Environmental Specifications

Moisture Protection	UL Type 4, 4X, 12 and 13
Ingress Protection	IP66 Suitability
Operating Temperature	#22 AWG PVC cable: -20°C to 105° C #18 AWG TPE cable: -40°C to 105° C
Corrosion Resistance	500 hours salt spray per MIL-STD-1344, Method 1001
Vibration Resistance	10 - 2,000 Hz @15g per MIL-STD-1344, Method 2005

Certifications

UL 2238 and UL50E, File No. E192071

CSA Certified, C22.2 No. 182.3 and CSA C22.2 No. 94.2-07

Choose the appropriate configuration from the Selector below.

Hubbell Logic Configurator

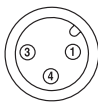
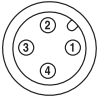
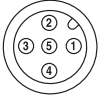
For example, catalog number **MCMS1312** is derived as follows:

DEVICE TYPE	COUPLING NUT MATERIAL	BODY STYLE	KEY STYLE	POLES	CONDUCTOR TYPE	CABLE LENGTH (m)
MC = Plug, Female MI = Plug, Male Inline ME = Male/Female Extension Cable	M = Metallic N = Nylon	A = Right Angle S = Straight	1 = Single	3 4 5	1 = #22 AWG PVC Cable 2 = #18 AWG TPE Cable* *2 - 4 Pole Only	** 2 4 5 **Replace with Length
MC	M	S	1	3	1	2

Note: Availability of specific items may vary. Consult factory for delivery. Consult the factory for additional cable lengths or cable types.

3 - 5 Pole Single Key Plugs

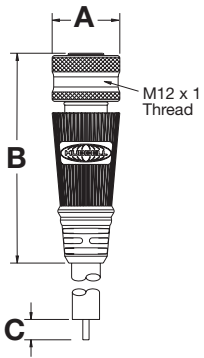
Catalog numbers using #22 AWG PVC cable are listed below. For #18 AWG TPE cable, change the conductor type per the Hubbell Logic chart above.

Poles	Male Face Shown Female - mirror image	Cable Length	Female Plugs		Male In-Line Plugs	Male/Female Extension Cables
			Straight	Right Angle	Straight	Straight
3		6.56 ft (2m) 13.12 ft (4m) 16.40 ft (5m) All other lengths [▲]	MCMS1312	MCMA1312	MIMS1312	MEMS1312
			MCMS1314	MCMA1314	MIMS1314	MEMS1314
			MCMS1315	MCMA1315	MIMS1315	MEMS1315
			MCMS131**	MCMA131**	MIMS131**	MEMS131**
4		6.56 ft (2m) 13.12 ft (4m) 16.40 ft (5m) All other lengths [▲]	MCMS1412	MCMA1412	MIMS1412	MEMS1412
			MCMS1414	MCMA1414	MIMS1414	MEMS1414
			MCMS1415	MCMA1415	MIMS1415	MEMS1415
			MCMS141**	MCMA141**	MIMS141**	MEMS141**
5		6.56 ft (2m) 13.12 ft (4m) 16.40 ft (5m) All other lengths [▲]	MCMS1512	MCMA1512	MIMS1512	MEMS1512
			MCMS1514	MCMA1514	MIMS1514	MEMS1514
			MCMS1515	MCMA1515	MIMS1515	MEMS1515
			MCMS151**	MCMA151**	MIMS151**	MEMS151**

Note: [▲] Replace ** with length required in meters. For nylon coupling nuts, replace "M" with "N" per the ordering chart above.
Example: change **MCMA1412** to **MCNA1412**.

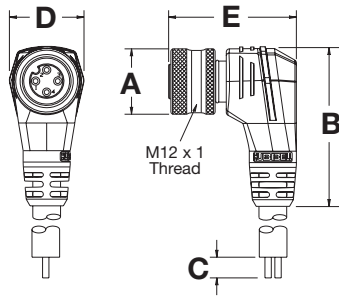


Straight Female Plug



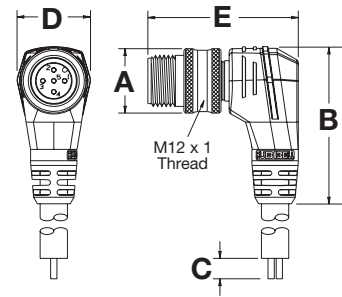
A	0.59" (15.0)
B	1.83" (46.5)
C	2.75" (69.9)

Right Angle Female Plug



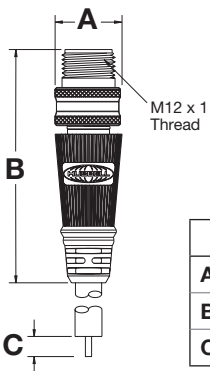
A	0.59" (15.0)
B	1.44" (36.6)
C	2.75" (69.9)
D	0.67" (17.0)
E	1.15" (29.2)

Right Male In-Line Plug



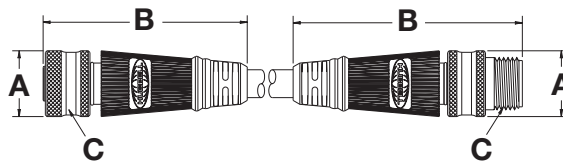
A	0.59" (15.0)
B	1.44" (36.6)
C	2.75" (69.9)
D	0.67" (17.0)
E	1.38" (35.1)

Straight Male In-Line Plug



	MALE
A	0.59" (15.0)
B	2.06" (52.3)
C	2.75" (69.9)

Extension Cable



	FEMALE	MALE
A	0.59" (15.0)	0.59" (15.0)
B	1.83" (46.5)	2.06" (52.3)
C	M12 x 1	

Cable Diameters By Cable Type

Number of Conductors	#22 AWG PVC	#18 AWG TPE
3	0.21" (5.3)	0.24" (6.1)
4	0.22" (5.7)	0.26" (6.6)
5	0.26" (6.6)	0.28" (7.1)

Conductor Color Code

Contact Number	3 Pole	4 Pole	5 Pole
1	Brown	Brown	Brown
2	Not Used	White	White
3	Blue	Blue	Blue
4	Black	Black	Black
5	Not Used	Not Used	Gray

Accessories

Dust Caps

Closure caps protect plugs and receptacles when not in use. Thread is M12 x 1.

Catalog Number	
MRCM1	
MPCM1	

Dimensions in Inches (mm)