



# CMCP603H Series High Temperature 3 Socket MS Cable Assembly IP68 Locking Collar Connector – Yellow FEP Jacket - IP68

Condition Monitoring Custom Products



### Features:

- High Temperature Cable Assembly
- Rugged Design for Permanent Installations
- 3 Socket MS Connector, MIL-C 5015 Style
- IP68 Locking Collar (Screw On)
- Viton Boot for Superior Chemical Resistance
- Yellow FEP Jacketed Cable
- UV, Oil and Chemical Resistant
- Suitable for Class 1 Division 1/2 Locations
- Braided Shield with Drain Wire
- 200°C Temperature Rating
- Lifetime Warranty

### Typical Applications

Mates with Sensors Featuring a 3 Pin MS Connector

### Connector Specifications

Connector Type:	3 Socket (Female) MS 5015 MIL-C 5015 Style
Shield Isolation:	Case Isolated
Locking Collar Material:	316 Stainless Steel
IP Rating	IP68

### Cable Specifications

Jacket Material:	FEP (Fluorinated Ethylene Propylene)
Jacket Color:	Yellow
Insulation:	Fiberglass
Conductors:	3 Plus Drain Wire
Wire AWG:	20AWG (0.52mm <sup>2</sup> )
Drain Wire AWG:	24AWG (0.21mm <sup>2</sup> )
Shielding:	Braided Shield
Cable Diameter:	0.20" (5.08mm)
Weight:	0.048 Lbs/Ft (1.48kg/m)
Temperature Range:	-67 to +392°F (-55 to +200°C)
Capacitance Per Foot (pF/ft):	26pF/ft (85.3pF/m)

### Optional Armor Specifications

Material:	316 Stainless Steel
Type:	Hose or Braided Armor
Diameter	Hose = 0.29" (7.37mm)
	Braid = 0.23" (5.84mm)



Cable Shown with Stainless Steel Hose Armor and Push On Connector

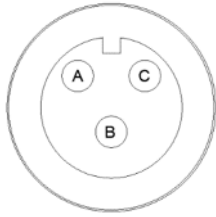


Cable Shown with Stainless Steel Braided Armor and Locking Collar Connector

**Connector Pinout / Wire Color**

Color Code:

A = White  
 B = Black  
 C = Red



**Ordering Information:**

<b>CMCP603H</b>	<b>-XX</b>	<b>-XX</b>	<b>-XX</b>	<b>-XX</b>	<b>3 Socket MS Cable Assembly, Locking Collar Connector</b>
	-16				16' (5m) Long
	-32				32' (10m) Long
	-64				64' (20m) Long
	-Specify				Specify Cable Length in Feet
		-01			Standard Cable, No Armor
		-02			Cable with Overall Stainless Steel Hose Armor
		-03			Cable with Overall Stainless Steel Braided Armor
			-01		Tinned Leads on Fly End (Terminal Block Connection)
			-02		Spade Lugs Installed on Leads (Screw Terminal Connection)
				BLANK	Isolated – Shield Not Connected at Sensor End (Standard)
				-NI	Non-Isolated – Shield Connected at Sensor End

**Example Part Number:**

CMCP603H-16-01-01  
 3 Socket MS Cable Assembly  
 16' (5m) Long  
 Standard Cable, No Armor  
 Tinned Leads on Fly End

**Similar Products:**



**CMCP602HST**  
 Push On IP68 Connector



**CMCP602H**  
 IP68 Locking Collar