



# CMCP602HST Series High Temperature 2 Socket MS Cable Assembly IP68 Push On Seal Tight Connector – Yellow FEP Jacket

Condition Monitoring Custom Products



### Features:

- High Temperature Cable Assembly
- Rugged Design for Permanent Installations
- 2 Socket MS Connector, MIL-C 5015 Style
- IP68 Push On Seal Tight Connector
- 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 2 Pin MS Connector

### Connector Specifications

|                   |                                   |
|-------------------|-----------------------------------|
| Connector Type:   | 2 Socket MS 5015 MIL-C 5015 Style |
| Shield Isolation: | Case Isolated                     |
| IP Rating         | IP67                              |

### Cable Specifications

|                               |                                      |
|-------------------------------|--------------------------------------|
| Jacket Material:              | FEP (Fluorinated Ethylene Propylene) |
| Jacket Color:                 | Yellow                               |
| Insulation:                   | Fiberglass                           |
| Conductors:                   | 2 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:               | 0.19" (4.8mm)                        |
| Weight:                       | 0.048 Lbs/Ft (1.48kg/m)              |
| Temperature Range:            | -67 to +392°F (-55 to +200°C)        |
| Capacitance Per Foot (pF/ft): | 30pF/ft (98.42pF/m)                  |

### Optional Armor Specifications

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



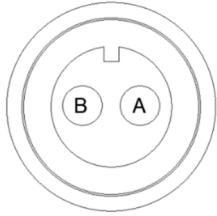
Cable Shown with Stainless Steel Hose Armor and Push On Connector



Cable Shown with Stainless Steel Braided Armor and Locking Collar Connector

**Connector Pinout / Wire Color**

Color Code:                   A = White  
   B = Black



**Ordering Information:**

|                   |            |            |            |            |  |
|-------------------|------------|------------|------------|------------|--|
| <b>CMCP602HST</b> | <b>-XX</b> | <b>-XX</b> | <b>-XX</b> | <b>-XX</b> | <b>2 Socket MS Cable Assembly w/ Locking Collar (IP67)</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)  |
|                   |            |            | -03        |            | BNC Jack on Fly End  |
|                   |            |            | -04        |            | BNC Plug on Fly End  |
|                   |            |            | BLANK      |            | Isolated – Shield Not Connected at Sensor End (Standard)   |
|                   |            |            | -NI        |            | Non-Isolated – Shield Connected at Sensor End              |

**Example Part Number:**

CMCP602HST-16-01-01  
 2 Socket MS Cable Assembly  
 16' (5m) Long  
 Standard Cable, No Armor  
 Tinned Leads on Fly End

**Similar Products:**



**CMCP602HST**  
 Push On IP68 Connector



**CMCP603H**  
 3 Socket Locking Collar