

CMCP602L Series

General Purpose 2 Socket MS Connector Cable Assembly Locking Collar Connector



Features:

- General Purpose Cable Assembly
- Rugged Design for Permanent Installations
- 2 Socket MS Connector, MIL-C 5015 Style
- IP67 Locking Collar
- Viton Boot for Superior Chemical Resistance
- Black TPE Jacketed Cable
- UV, Oil and Chemical Resistant Cable
- Suitable for Class 1 Division 1/2 Locations
- Braided Shield with Drain Wire
- 120°C Temperature Rating
- Isolated or Non-Isolated Cable Shielding

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: | Isolated (Standard) – Cable Shield Floating at Sensor Side Non-Isolated (-NI) – Cable Shield Grounded at Sensor Side |
| Locking Collar Material: | 316 Stainless Steel |
| IP Rating | IP67 |

Cable Specifications

| | |
|-------------------------------|-------------------------------|
| Jacket Material: | TPE (Thermoplastic Elastomer) |
| Jacket Color: | Black |
| Insulation: | TPE (Thermoplastic Elastomer) |
| Conductors: | 2 Plus Drain Wire |
| Wire AWG: | 20AWG (0.52mm ²) |
| Drain Wire AWG: | 24AWG (0.21mm ²) |
| Shielding: | Braided Shield |
| Cable Diameter: | 0.19" (4.8mm) |
| Weight: | 0.048 Lbs/Ft (1.48kg/m) |
| Temperature Range: | -67 to +248°F (-55 to +120°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) |



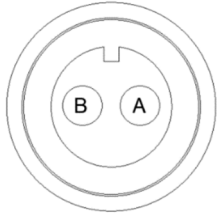
Cable Shown with Stainless Steel Hose Armor and Push On Connector



Cable Shown with Stainless Steel Braided Armor and Locking Collar Connector

Connector Pinout / Wire Color

Color Code: A = White
 B = Black



Ordering Information:

| | | | | | |
|-----------------|------------|------------|------------|------------|---|
| CMCP602L | -XX | -XX | -XX | -XX | 2 Socket MS Cable Assembly, Locking Collar Connector |
| | -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 |
| | | | | | Isolated (Shield Not Grounded at Sensor Side, STI Standard) |
| | | | | -NI | Non-Isolated (Shield Grounded at Sensor Side) |

Example Part Number:

CMCP602L-16-01-01
 2 Socket MS Cable Assembly
 16' (5m) Long
 Standard Cable, No Armor
 Tinned Leads on Fly End
 Isolated Shielding (Shield Floating at Connector)

Similar Products:



CMCP602LST Series
 2 Socket Push On



CMCP603L
 3 Socket Locking Collar