



## CMCP602L Series

General Purpose 2 Socket MS Cable Assembly  
IP68 Locking Collar Connector – Black Halogen Free Cable

### Features



- General Purpose Cable Assembly
- Rugged Design for Permanent Installations
- 2 Socket MS Connector, MIL-C 5015 Style
- IP68 Locking Collar (Screw-On)
- Viton Strain Relief Boot
- Corrosion Resistant Gold-Plated Contacts
- Black Halogen Free Jacketed Cable
- UV, Oil and Chemical Resistant Cable
- Suitable for Class 1 Division 1/2 Locations
- Braided Shield with Drain Wire
- 120°C (248°F) Temperature Rating
- Lifetime Warranty

### Typical Applications

Mates with Industrial Sensors featuring a 2 Pin MS Connector.

### Connector Specifications

Connector Type:	2 Socket MS 5015 MIL-C Style
IP Rating:	IP68d
Shield Isolation:	Isolated or Non-Isolated Shielding (See Ordering Information)
Locking Collar Material:	316 Stainless Steel
Strain Relief Material:	Viton
MS Insert Material:	PA4
Contact Pin Material:	Gold Plated Pins

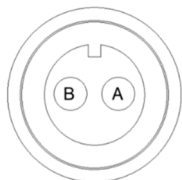
### Cable Specifications

Jacket Material:	TPE (Thermoplastic Elastomer)	
Jacket Color:	Black	
Insulation:	TPE (Thermoplastic Elastomer)	
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 +248°F	(-55 to +120°C)
Capacitance Per Foot (pF/ft):	30pF/ft	(98.42pF/m)

**Warranty:** Lifetime

### Connector Pinout / Wire Color

Color Code:	A = White
	B = Black
	Shield = Bare



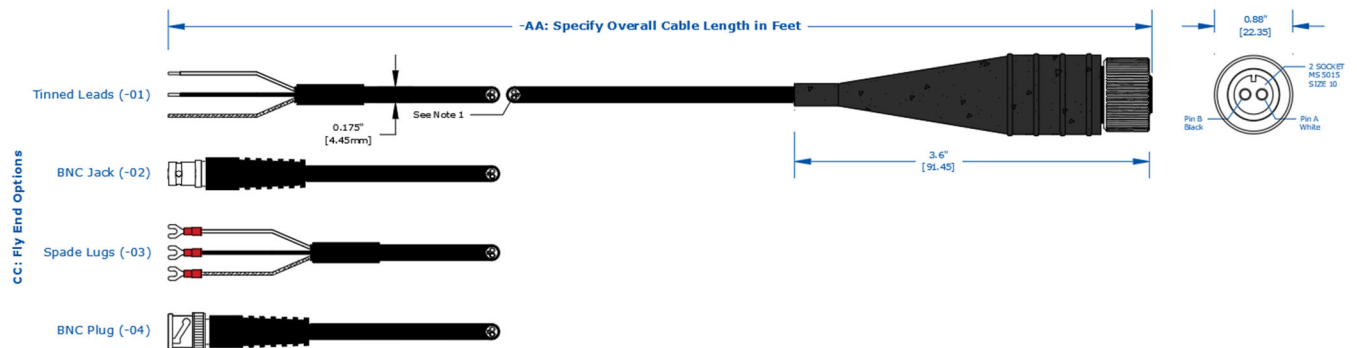
## Ordering Information

CMCP602L	-XX	-XX	-XX	-XX	2 Pin MS 5015 Sensor Extension Cable, General Purpose
	-16				16' (5 m) Long
	-32				32' (10 m) Long
	-64				64' (20 m) Long
		-XX			Specify Cable Length in Feet in Place of XX
		-01			Standard Cable, Non-Armored
		-03			Stainless Steel Braided Armor Over Jacket
			-01		Tinned Leads on Fly End (Terminal Block Connection)
			-02		Spade Lugs Installed on Leads (for Screw Terminals)
			-03		BNC Jack on Fly End
			-04		BNC Plug on Fly End
				-NI	Isolated – Shield Not Connected at Sensor (Standard)
					Non-Isolated – Shield Connected at Sensor End

### Example Part Number:

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

## Dimensions



## Similar Products



### Note:

Due to STI's continuous process improvement, specifications are subject to change without notice.