STI Vibration Monitoring Inc.

Condition Monitoring Custom Products

CMCP633L Series
Compact Molded 3 Socket MS 5015 Extension Cable
General Purpose Halogen Free TPE Jacketed Cable

LIMITED LIFETIME WARRANTY
LIFETIME WARRANTY

Features:

- 3 Socket MS Connector, MIL-C 5015
- Straight or Side Exit Connector Options
- PA6 Fiberglass Reinforced Nylon Over Mold
- Rated to 120°C (248°F)
- UV, Oil and Harsh Chemical Resistant
- IP68 (Submersible)
- Black TPE Jacketed Cable, Halogen Free
- Overall Braided Shield with Drain Wire
- Low Cost
- Lifetime Warranty

Typical Applications
Mates with Sensors Featuring a 3 Pin MS Connector

Connector Specifications:
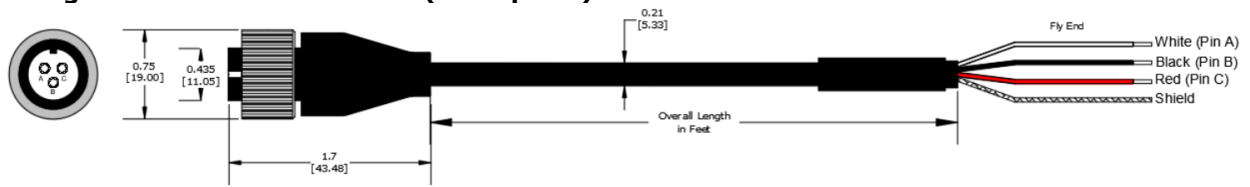|	
Connector Type:	3 Socket MS 5015 MIL-C 5015
Shield Isolation:	Optional Isolated or Non-Isolated Shielding
Locking Collar:	316 Stainless Steel
Backshell and Connector:	Nylon PA6 with Fiberglass Fill
Contact Material:	Gold Plated
IP Rating:	IP68

Cable Specifications:
Jacket Material:	TPE (Thermoplastic Elastomer), Halogen Free
Jacket Color:	Black
Insulation:	Fiberglass
Conductors:	3 Plus Drain
Wire AWG:	20 AWG (0.52mm^2)
Drawing Wire:	24 AWG (0.21mm2)
Shielding:	Overall Braided Shield
Cable Diameter:	0.21" (5.33mm)
Weight:	0.048 Lbs/Ft (1.48kg/m)
Temperature Range:	-67 to +392°F (-55 to +200°C)
Capacitance Per Foot:	30pF/ft (98.42pF/m)

Ordering Information:
CMCP633L	-XX	-XX	-X	Compact Over Molded 3 Socket MS 5015 Extension Cable
	-16			16' (5m) Overall Length
	-32			32' (10m) Overall Length
	-64			64' (20m) Overall Length
	-Specify			Specify Cable Length in Feet
		-01		Straight Exit Connector
		-02		Side Exit Connector
			-I	Isolated Shielded (Shield Isoalted from Connector) - Standard
			-NI	Non-Isoalted Shielding (Shield Tied to Connector)

Straight Exit Cable Dimensions (-01 Option)

0.21
[5.33]

Fly End

0.75
[19.00]

0.435
[11.05]

White (Pin A)
Black (Pin B)
Red (Pin C)
Shield

Overall Length
in Feet

1.7
[43.48]

Side Exit Cable Dimensions (-02 Option):

0.21
[5.33]

Fly End

White (Pin A)
Black (Pin B)
Red (Pin C)
Shield

1.22
[30.90]

Overall Length
in Feet

0.435
[11.05]

Fly End

0.75
[19.05]

White (Pin A)
Black (Pin B)
Red (Pin C)
Shield

1.08
[27.36]

Wiring:

Connection Details (Isolated Shielding)

White
Black
Red
Shield

A   C
   B
Outside View
of Connector

Connection Details (Non-Isolated Shielding)

White
Shield
Red
Black

A   C
   B
Outside View
of Connector