

Connection Details of Cable Assembly

Black core
Screen
White core

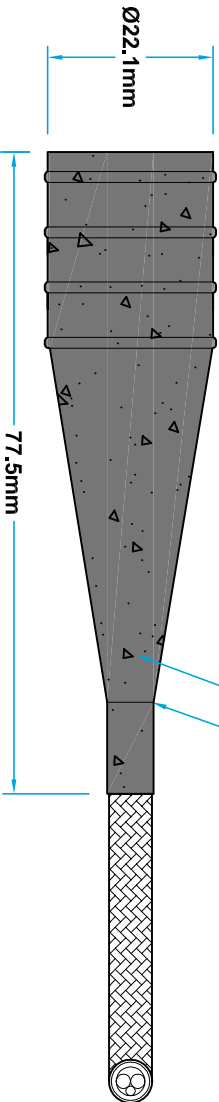
Outside View
of Connector

Locking Key

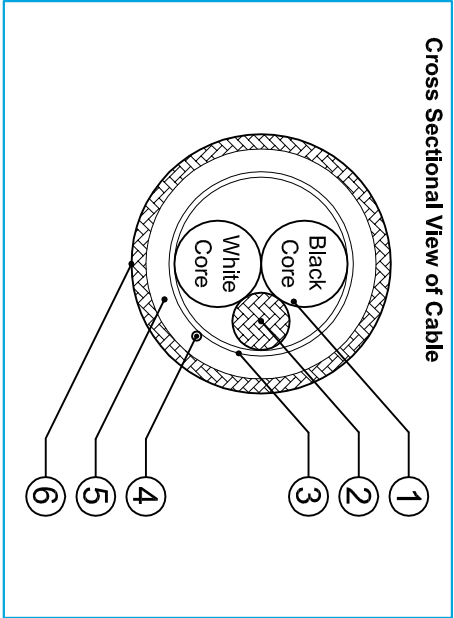
Note: Screen not connected to Accelerometer case via the locking key when the cable is connected.

2 Pin MS Connector inside
Protective Rubber Boot.

Connector sealed to IP66 only when
connected to the accelerometer.



Cable length to be specified on order



Cross Sectional View of Cable

Free end

Black core
White core
Screen

Materials of Cable: C01-002 Overbraided ETFE Cable			
Pos	Description	Dimension	Overall Diameter
1.	Tin plated copper conductor insulation of ETFE	20 AWG 0,17	0,96 1,30
2.	Screen wire of tin plated copper	20 AWG	0,96
3.	Wrapped aluminium polyester foil screen		2,8
4.	Kevlar tear-thread		
5.	Jacket of FEP, black	0,45	3,7
6.	Braided armour of stainless steel wire	16 x 7 x 0,12 Lay = 11,8 Angle = 46,6	4,2 nom

Technical Data of Cable			
Technical Data	Values at 20°C		Unit
Conductor resistance	Max: 32,4		Ω / km
Insulation resistance	>1500		MΩ x km
Test voltage	3		kV DC
Voltage rating	600		V AC
Capacitance	Core-core: 165 ± 10%		nF / km
	Core-screen: 310 ± 10%		
Impedance	Core-core: 33 ± 10%		Ω
	Core-screen: 18 ± 10%		
Radiation tolerance	10 E4		Gy
Weight	45		g / m
Temperature rating	-65 / +150		°C