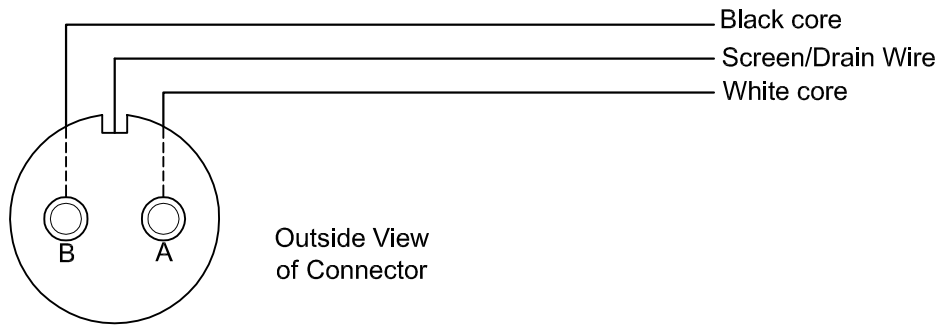
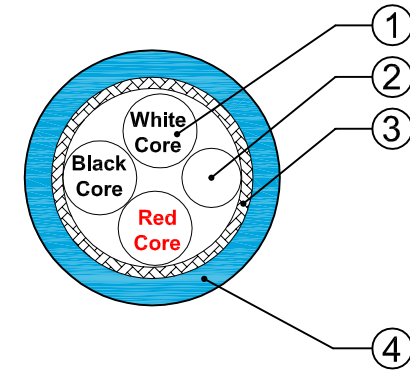


Connection Details of Cable Assembly



Inside View of Cable



Connector sealed to IP67 only when connected to the accelerometer.

Free end

Black core

White core

Screen

Environment Specification of Cable Assembly
Maximum operating temperature of 150°C with high levels of resistance to chemical attack.

Materials of Cable: High Temperature FEP Cable

Pos	Description	Dimension	Overall Diameter	Remarks
1.	Tin plated copper conductor insulation of FEP	20 AWG	Copper 0.96 Insulation 1.47	19 x 0.2
2.	Tin plated copper drain wire	20 AWG	3,8	Optimised: 85% min
3.	Braided screen of tin plated copper wire		3.1	
4.	Jacket of FEP, blue	Thickness 0.35mm	4.5	Tube-Extruded

Technical Data of Cable

Technical Data	Values at 20°C	Unit
Conductor Resistance	34	Ω / km
Insulation Resistance	>5000	MΩ x km
Capacitance	Nom: 89	pF/m
Test Voltage	3	KV DC
Voltage Rating	600/1000	V AC
Capacitance	Core-core: 90	pF / m
Weight	40	g / m
Temperature Rating	-80 / +200	°C