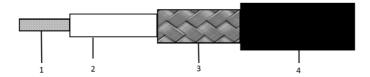
- Screened coaxial IEPE sensor cable
- FEP Jacket
- -70°C to +200°C range
- Ideal for IEPE accelerometer sensors
- Black jacket colour
- Nominal diameter 1.9mm
- 10/32UNF Microdot Connector/BNC Plug
- Length 3m±5%



BNC Plug		
Electrical	Value	
Impedance	50Ω	
Frequency Range	0 ~ 3GHz	
Working Voltage (max.)	500V max	
Withstand Voltage	1500Vrms	
Insulation Resistance	≥5000MΩ	
VSWR (Voltage Standing Wave	≤1.22	
Ratio)		
Physical		
Body	Nickel Plated Brass	
Centre Conductor	Gold plated brass	
Insulator	PTFE	
Crimping body	Nickel plated copper	
	alloy	
Temperature Range	-55°C to +155°C	
Durability	>500 connections	

10/32UNF microdot connector		
Physical	Value	
Body	Nickel Plated Brass	
Knurl nut	Nickel Plated Brass	
Centre Conductor	Gold plated brass	
Insulator	PEEK	
Strain relief boot	Rubber	
Temperature Range	-70°C to +260°C	

Cable Electrical Properties	Value	
Impedance	50 ±2Ω	
Max. Capacitance	100nF/km	
Max. Conductor Resistance	355Ω/km	
Min. Insulation Resistance	>5000 MΩ/km	
Voltage rating	500VAC	
Test voltage	3kV DC	
Max. Attenuation	108dB/100m	
Temp rating	-70°C to +200°C	
Min Bending radius	Fixed: 10mm	
Min Bending radius	Flexing: 20mm	



Layer	Description	Material	Overall diameter
1	Central conductor – multi strand	Silver plated copper clad steel	0.30mm
		30AWG (7/0.102mm)	
2	Dielectric/Insulation	PTFE	0.86mm ±0.05mm
3	Screen/Outer conductor	Silver Plated Copper Braid	1.35mm
		Greater than 96% coverage	
4	Outer jacket	FEP	1.9mm nom.

Due to continued product development Kemo Limited reserve the right to change specification without notice.