

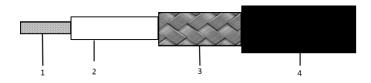
- Screened coaxial IEPE sensor cable
- FEP Jacket
- -70°C to +200°C range
- Ideal for IEPE accelerometer sensors
- Black jacket colour
- Nominal diameter 1.9mm
- 10/32UNF Microdot Connector/BNC Plug
- Length 5m±5%



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	ting 500VAC	
Test voltage	3kV DC	
Max. Attenuation	108dB/100m	
Temp rating	ng -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 30AWG (7/0.102mm)	0.30mm
2	Dielectric/Insulation	PTFE	0.86mm ±0.05mm
3	Screen/Outer conductor	Silver Plated Copper Braid Greater than 96% coverage	1.35mm
4	Outer jacket	FEP	1.9mm nom.

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