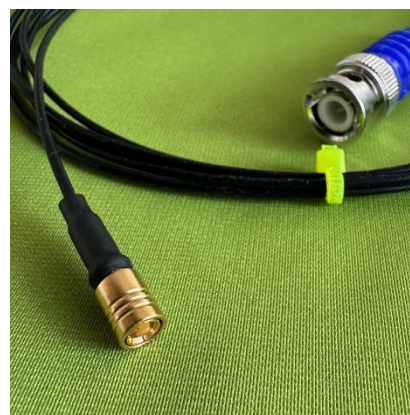


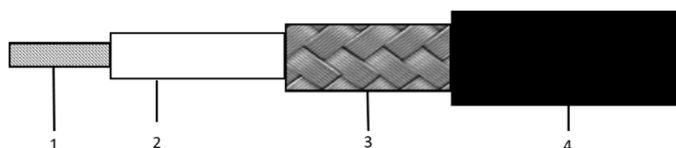
- Screened coaxial IEPE sensor cable
- FEP Jacket
- -70°C to +200°C range
- Black jacket colour
- Nominal diameter 1.9mm
- SMB female socket
- BNC plug
- Length 5m±5%



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 Ratio)	≤1.22
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

SMB Female connector	
Physical	Value
Impedance	50Ω
Body	Gold Plated Brass
Centre Conductor	Gold plated phosphor bronze
Insulator	PTFE
Strain relief boot	Adhesive Heatshrink
Temperature Range	-55°C to +155°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 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.

Kemo Limited

First Floor, 33 King Street, Thetford, Norfolk, IP24 2AW, United Kingdom
+44 (0)1474 705168

www.kemo.com sales@kemo.com