

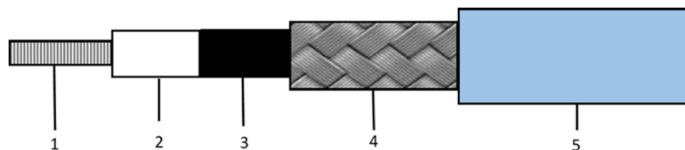
- Low triboelectric noise cable
- Screened coaxial cable
- PFA Jacket
- -90°C to +260°C range
- Ideal for Charge output sensors
- Blue jacket colour with Low Noise labelling
- Nominal diameter 2mm
- 10/32UNF Microdot Connector/BNC Plug
- Length 3m±5%



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 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

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	105nF/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	-90°C to +260°C
Min Bending radius	Fixed: 10mm
Min Bending radius	Flexing: 20mm



Layer	Description	Material	Overall diameter
1	Central conductor – multi strand	Silver plated high strength copper 30AWG (7/0.102mm)	0.30mm
2	Dielectric/Insulation	PTFE	0.85mm ±0.05mm
3	Low noise semi conductive coating		
4	Screen/Outer conductor	Silver Plated Copper Braid 96% coverage	1.56mm
5	Outer jacket	PFA	2mm nom.

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