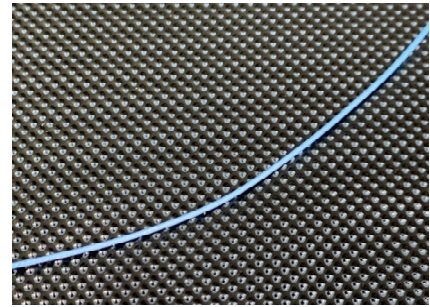
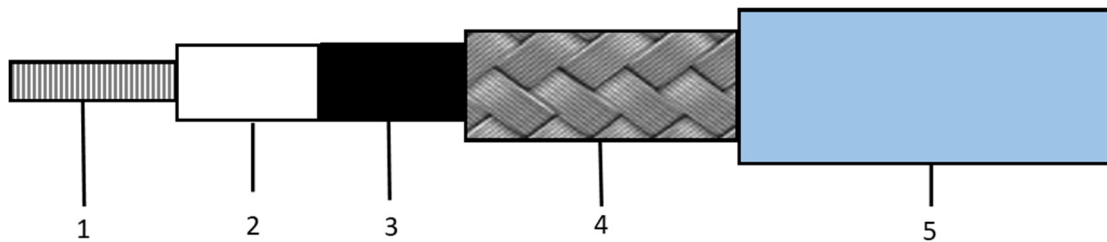


- Lightweight Low triboelectric noise cable
- Screened coaxial cable
- PFA Jacket
- -90°C to +230°C range
- Ideal for miniature Charge output sensors
- Blue jacket colour
- Nominal diameter 1mm
- Multi strand core



When using charge output sensors such as accelerometers or other connections that require the transmission of a charge signal, it is essential that a low noise (triboelectric noise) cable is used. This is due to the issue of static electrical charge being generated when standard coaxial cables are flexed or moved, the layers within the cable rub together generating static electricity. This static electrical charge can be added to the transmitted charge signal causing an error in the signal otherwise known as triboelectric noise.

Kemo Ltd's low noise coaxial screened cable has a semi-conductive layer that allows the static electrical charge to dissipate along its length to reduce the error caused by cable flex/movement.



Layer	Description	Material	Overall diameter
1	Central conductor – multi strand	Silver plated high strength copper (7/0.06)	Nom.Ø0.16mm
2	Dielectric/Insulation	PFA	Ø0.52mm ±0.05mm
3	Low noise semi conductive coating		
4	Screen/Outer conductor	Silver Plated Copper Braid minimum 90% coverage	ØNom. 0.81mm
5	Outer jacket	PFA	Ø1mm ±0.08

Electrical Properties	Value
Impedance	50 ±5Ω
Max. Capacitance	105nF/km
Max. Conductor Resistance	1040Ω/km
Temp rating	-90°C to +230°C
Min Bending radius	Fixed: 8mm
Min Bending radius	Flexing: 10mm

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