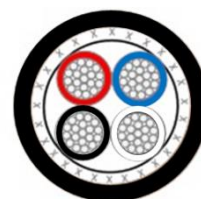
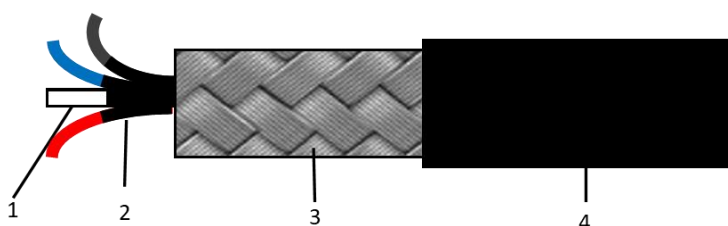


- Screened 4 core cable
- For use with IEPE triaxial accelerometers
- FEP Jacket
- -90°C to +200°C range
- Black jacket colour
- Nominal diameter 2.2mm
- Multi strand core



Triaxial IEPE accelerometers require a 4-core cable to carry the three signals (X, Y and Z) in addition the fourth core is the ground/0V line.

Kemo Ltd's 4 core screened cable is manufactured for Kemo in association with its own high-performance specification. The 4 cores are coloured to provide easy identification when fitting cables. Compatible with Kemo's 4 pin ¼-28UNF connector and joiner, this overall assembly makes a great replacement for triaxial accelerometer cables made by Kistler, DJB Instruments, B&K, Endevco and PCB Piezotronics, along with many others.



Layer	Description	Material	Overall diameter
1	4 x Central conductor – multi strand (jacket colours, Red, Blue, Black, White)	Silver plated high strength copper 30AWG (7/0.102mm)	0.30mm
2	Dielectric/Insulation	PFA	0.61mm ±0.05mm
3	Screen/Outer conductor	Silver Plated Copper Braid >90% coverage	
4	Outer jacket	FEP	2.3mm nom.

Electrical Properties	Value
Impedance	Nom. 110Ω core to opposite core
Capacitance (Conductor/Conductor) @21°C	52pF/m (nom.)
Capacitance (Conductor/shield) @21°C	93pF/m (nom.)
Max. Conductor Resistance	355Ω/km
Min. Insulation Resistance	>100MΩ/km
Voltage rating	500VAC
Test voltage	3kV DC
Temp rating	-90°C to +200°C
Min Bending radius	Fixed: 20mm
Weight	12.6gm/m

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

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