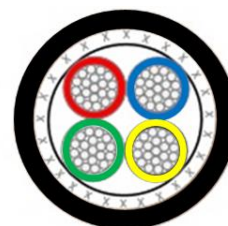
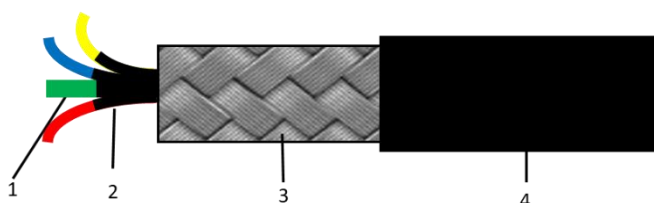


- Screened 4 core cable
- For use with IEPE triaxial accelerometers
- PVC Jacket for increased flexibility
- -10°C to +70°C range
- Black jacket colour
- Nominal diameter 2.8mm
- Multi strand core



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's KN4CAB3 4 core screened cable is manufactured for Kemo in association with its own high-performance specification and uses a PVC jacket. The PVC provides greater flexibility whilst losing operating temperature range. The 4 cores are coloured to provide easy identification when fitting cables. Compatible with Kemo's 4 pin 1/4-28UNF 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, Green, Yellow)	Tinned copper 30AWG (7/0.1mm)	0.30mm
2	Conductor Insulation	PVC	0.61mm ±0.05mm
3	Screen/Outer conductor	Tinned Copper Braid >90% coverage	
4	Outer jacket, Black	PVC	2.8mm nom.

Electrical Properties	Value
Max. Conductor Resistance	384Ω/km
Min. Insulation Resistance	>200MΩ/km
Capacitance Conductor/Conductor	88±35pF/m
Capacitance Conductor/shield	160±50pF/m
Voltage rating	250VAC up to 1600MHz
Test voltage	2.5kVDC for 5 minutes
Temp rating	-10°C to +70°C
Min Bending radius	20mm
Weight	10gm/m

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

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