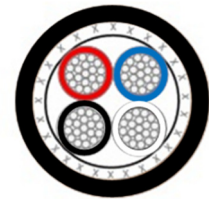
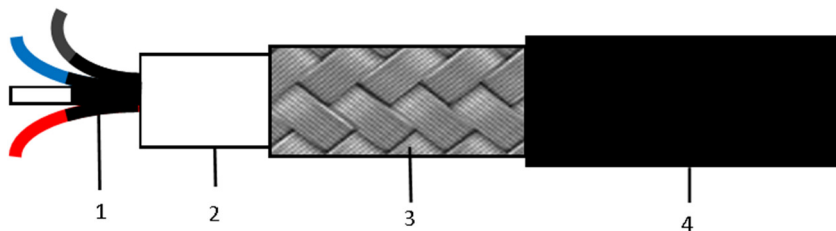


- Screened 4 core cable
- For use with IEPE triaxial accelerometers
- FEP Jacket
- -90°C to +200°C range
- Black jacket colour
- Nominal diameter 2.2mm
- Multi strand core



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  | 2.2mm 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.