

- 3 x IEPE triaxial cables
- Sleeved for IEPE triaxial accelerometers
- Min 96% Screened coaxial cable
- PFA Jacket -70°C to +200°C range
- Black jacket colour
- PET flexible cable sleeve -50°C to +160°C range
- Black colour sleeving
- 3 x 10/32UNF Microdot to 3x10/32UNF Microdot
- Labelled X, Y, Z and colour coded
- Length 60m±5%

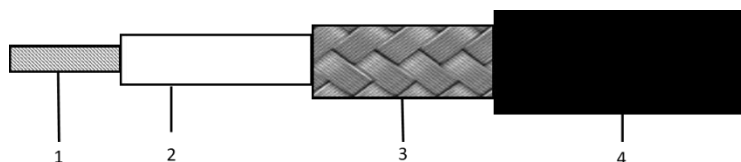
Kemo Ltd has been making high quality signal conditioning equipment since 1965 and during this time we have worked with many of the World's largest companies and witnessed many examples of poor-quality instrumentation cables. To resolve this problem Kemo started to produce its own specialist cable assemblies for the sensor and instrumentation market.

All the cables we produce are assembled by Kemo using the highest quality cable and connectors that meet our exacting standards.

This triaxial IEPE cable assembly is designed for use with IEPE triaxial accelerometers featuring 3 x 10/32UNF microdot output connectors. The three screened IEPE coaxial cables are sleeved together for protection and ease of handling.

Sleeve/Cable joint is protected by rubber sleeving.

Each cable is colour coded and labelled for X, Y and Z axis.
RED = X axis
YELLOW = Y Axis
WHITE = Z axis



10/32UNF microdot connector

| Physical | Value |
|--------------------|---------------------|
| Body | Nickel Plated Brass |
| Knurl nut | Nickel Plated Brass |
| Centre Conductor | Gold plated brass |
| Insulator | PTFE |
| Strain relief boot | Rubber |
| Temperature Range | -70°C to +260°C |

Cable Electrical Properties

| Cable Electrical Properties | Value |
|-----------------------------|-----------------|
| Impedance | 50 ±2Ω |
| Max. Capacitance | 100nF/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 | -70°C to +200°C |
| Min Bending radius | Fixed: 10mm |
| Min Bending radius | Flexing: 20mm |

| Layer | Description | Material | Overall diameter |
|-------|----------------------------------|---|------------------|
| 1 | Central conductor – multi strand | Silver plated copper clad steel 30AWG (7/0.102mm) | 0.30mm |
| 2 | Dielectric/Insulation | PTFE | 0.86mm ±0.05mm |
| 3 | Screen/Outer conductor | Silver Plated Copper Braid Greater than 96% coverage | 1.35mm |
| 4 | Outer jacket | FEP | 1.9mm nom. |

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

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