

- 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 3m±5%

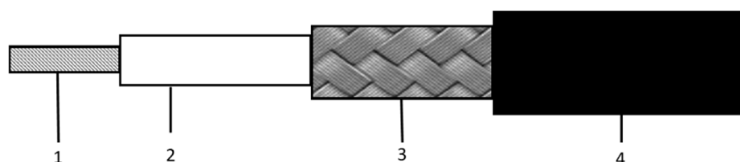
Kemo Ltd has been making high quality signal conditioning equipment since 1965 and during this time we have worked with many of the World's largest companies and witnessed many examples of poor-quality instrumentation cables. To resolve this problem Kemo started to produce its own specialist cable assemblies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

#### Kemo Limited

First Floor, 33 King Street, Thetford, Norfolk, IP24 2AW, United Kingdom  
+44 (0)1474 705168

[www.kemo.com](http://www.kemo.com) [sales@Kemo.com](mailto:sales@Kemo.com)