

CABLE ASSEMBLY FOR NON DESTRUCTIVE TESTING



Cable assembly for NDT

LEMO offers a wide range of cable assembly solutions for NDT (Non Destructive Testing). These high quality assemblies enable you to measure precisely properties of materials, systems or components.

LEMO connectors are widely used in eddy current, ultrasonic, visual testing and other NDT testing techniques.

The construction of the LEMO metallic connector range offer 360° screening and EMC protection, reducing noise, distortion and loss.

These features enable the user to measure the signal with high integrity.



The cable solutions offered include, customised labels and cable lengths, assembly to LEMO and other standard connectors such as:

- Subvis to BNC with RG 174 cable
- Microdot to LEMO 00.250 with RG 174 cable
- Subvis to LEMO 00.250 plug
- Many other solutions

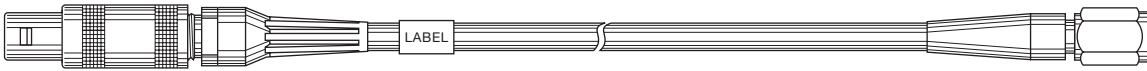
NDT

Magnetic particle
Die Penetrant
Ultrasonic
Eddy current

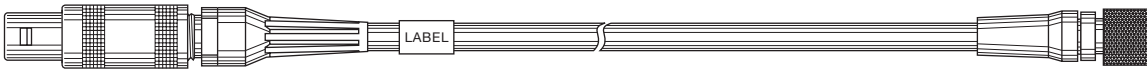
Visual/optical
Leak acoustic
Radiographic
Infrared



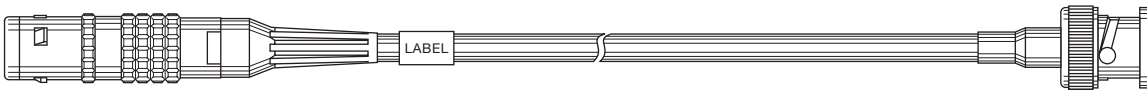
Cable example



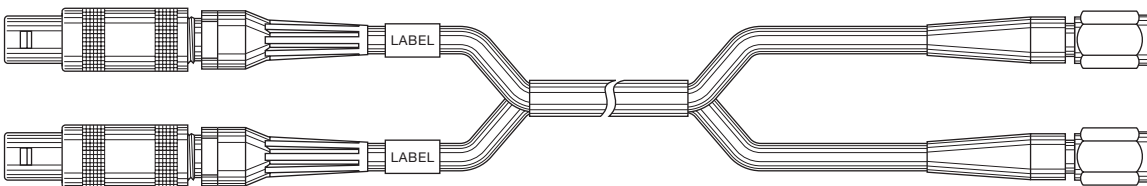
LEMO 00.250 to Subvis plug / RG-174



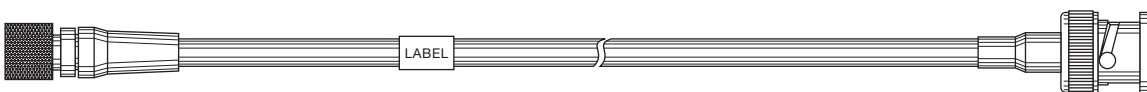
LEMO 00.250 to Microdot plug / RG-174



LEMO 1K series to BNC plug



Dual LEMO 1S.250 to Subvis plug



Microdot plug to BNC plug

NIM-CAMAC coaxial 00 Series

The 00 series is a range of 50Ω coaxial connectors. The range is suitable for a wide range of applications within test and measurement, particularly control systems and nuclear physics. The metal shell provides for excellent EMC protection, although a PEEK bodied version is also available where insulating properties are of prime importance.

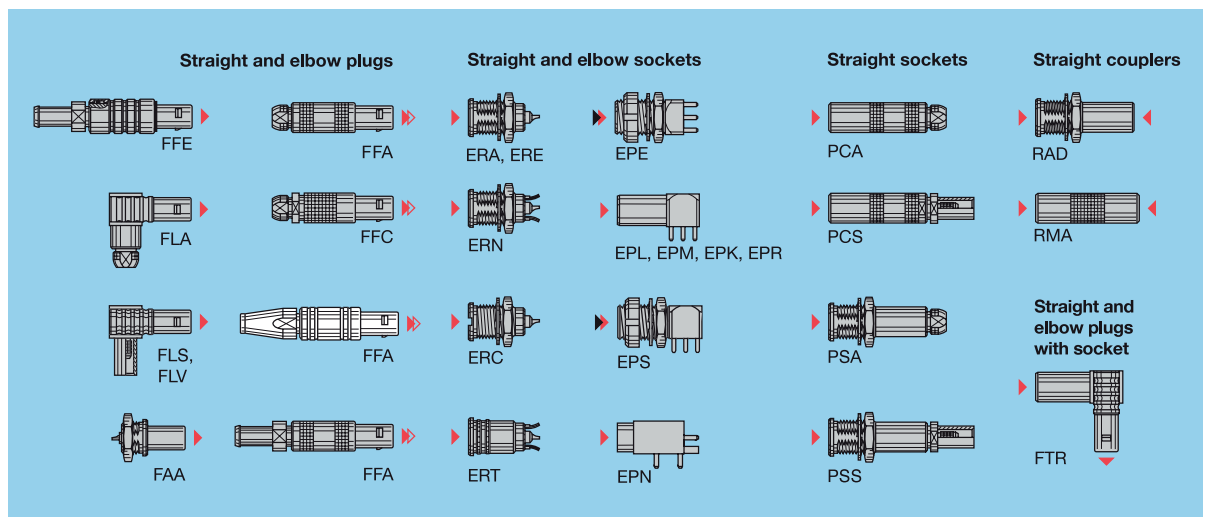
- Push pull latching self latching system for safe connection
- Crimp or solder contact, straight and elbow
- Small size, low weight
- High packing density
- Rugged construction



Example:

F F A . 0 0 . 2 5 0 . C T A C 2 7

is a small 50Ω coaxial plug connector regularly used in NDT and nuclear research applications.



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