



Hi/Mate – High Voltage Cable Assemblies

High Voltage made easy!

– Upgrade off-the-shelf MIL-C-38999 connectors

Features:

- Operating voltage up to 13.5kVDC
- Sea level up to 70,000 ft operation
- -55°C to +125°C operation
- Low partial discharge (corona) interface
- Shock and vibration proof operation
- Easy integration into MIL-C-38999 connectors
- Fits directly into a 12 gauge cavity



Teledyne Reynolds is a worldwide provider in the design, development and manufacture of engineered solutions and system integration for both military and commercial applications.



Hi/Mate – High Voltage Cable Assemblies

Applications:

- Aerospace
- Military
- Oil and Gas
- Medical
- Industrial

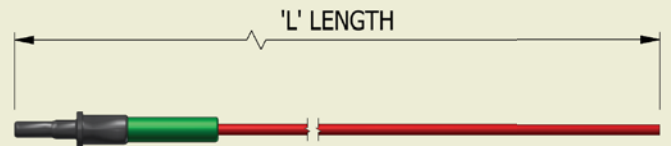
Hi/MATE – HIGH VOLTAGE MINIATURE INSERTS – ORDER INFORMATION

Hi/Mate high voltage cable assemblies are available in various single and double ended configurations. The single ended cable assemblies are available with FEP cable, etched FEP (for potting or bonding with epoxy resin or polyurethane) and also silicone coated FEP to allow the end user to pot/bond with silicone rubber.

(Red, silicone coated FEP cable is shown for stub ended assemblies, Natural FEP cable is shown for double ended assemblies)

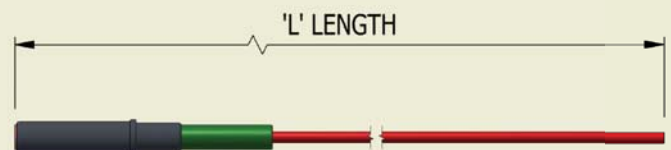
Single Ended Plug Cable Assembly

- P/N 299-0286 - with silicone coated FEP cable.
- P/N 299-0287 - with FEP cable.
- P/N 299-0288 - with etched FEP cable.



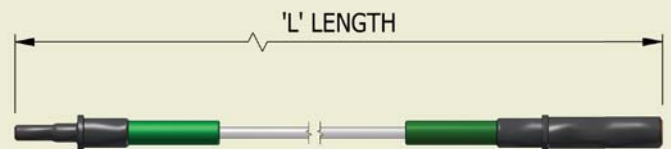
Single Ended Receptacle Cable Assembly

- P/N 299-0289 - with silicone coated FEP cable.
- P/N 299-0290 - with FEP cable.
- P/N 299-0291 - with etched FEP cable.



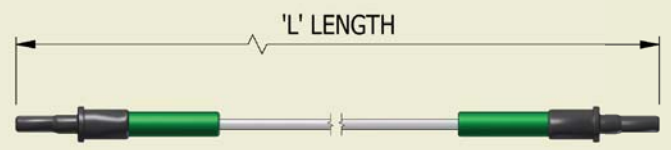
Double Ended Plug/Receptacle Cable Assembly

- P/N 299-0292 - with FEP cable.



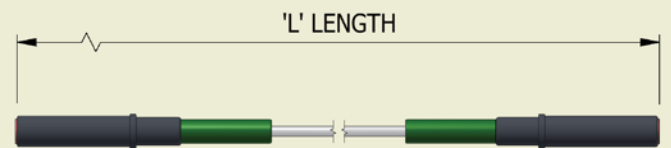
Double Ended Plug/Plug Cable Assembly

- P/N 299-0293 - with FEP cable.



Double Ended Receptacle/Receptacle Cable Assembly

- P/N 299-0294 - with FEP cable



Standard cable assembly lengths are 300mm, 500mm, 1000mm (other lengths are available to special order). To order, please specify the Part Number and Length xxxx in millimetres. Example: - P/N 299-0286-0300 is a Single Ended Plug Cable Assembly with silicone coated FEP cable, 300mm long.

