OPTiFab

OPTiFab Fibre Optic

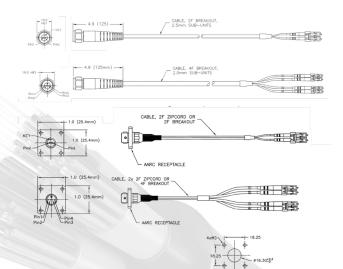# Harsh Environment Connectors

DESCRIPTION:

The harsh environment OPTi Plug and receptacle assemblies are available in 2 fibre, or 4 fibre configurations. Based on the N Type RF connector style. This optical connector system provides superior optical performance using LC style 1.25mm ceramic ferrules. The sealed metal housings provide external environmental, ingress/contamination protection for both the optical interface and enclosure systems. OPTi Plug assemblies are available in varying lengths and can be inter-terminated with most industry standard connectors. The OPTi Plug assemblies can be terminated with indoor style Zip-Cord or an outdoor cable making it suitable for both inline and enclosure mounted/aerial applications.

SPECIFICATIONS

Standard	Meets IP67 specifications
Insertion Loss (Multimode)	0.35dB Typ. <0.75dB Max
Insertion Loss (Singlemode)	0.35dB Typ. <0.75dB Max
Return Loss (Singlemode)	≤ -45dB
Operating Temperature	-40°C to +85°C
Durability	>50 cycles

FEATURES:

- Available in Singlemode or Multimode fibres
- Available in 2, or 4 fiber configurations
- Meets IP67 specifications
- N Type connector housing
- Threaded mating style
- Easy to install
- Metal housing provides improved EMI protection
- RoHS compliant

APPLICATIONS:

- The OPTi Plug connector assemblies suited for WiMax, LTE, 3G/4G wireless, and base station applicaitons.