

**CONTACT**

Market information
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Multimode Fibre Optic Cable
62.5/125

STANDARDS

Product EN 4641-101

APPLICATIONS

Harsh environments such as: aeronautics, geophysics, missile, chemical industry

Construction**OPTICAL FIBRE**

Core + cladding + coating
Silica/Silica/Silicone
Type 62.5/125/400 µm

OUTER JACKET

Copolymer 0 Halogen
High temperature
Diameter : 0.90 mm ± 0.05 mm

CHARACTERISTICS**Construction characteristics**

Sheath colour

Black

STRONG POINTS

Mechanical properties:

- Small diameter
- Low weight
- High temperature
- High flexibility
- Low bending radius
- Easy strippability

Optical properties:

- High bandwidth
- Low cost ferrules (Telecom component)

Chemical properties:

- High chemical resistance to on board fluids
- No flame propagation
- Very low smoke density and toxicity

CABLE PREPARATION FOR CONNECTOR MOUNTING

- Stripping of primary jacket, buffer and coating.
- If mechanical stripping is used, we highly recommend:
 - To strip directly from primary jacket to silica
 - To carefully clean silica with a solvent such as MEK (Methylethylketone).
- Residues of silicone can be removed with a wet tissue by wiping off of different angles in order to clean all the circumference of the silica.
- If you dip bare fibre into solvent, take care to avoid contact between solvent and other part of the cable such as strength members, silicone and jacket

SELLING AND DELIVERY INFORMATION

No marking