

CONTACT

Market information
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Optical fibres and hybrids (optical + electrical) in harsh environment

STANDARDS

Product Nexans specification

DESIGN CONSTRUCTION

With these high mechanical, chemical and optical properties, this cable has been designed for harsh environments such as :

- Aeronautical
- Geophysics,
- Space,
- Missile,
- Chemical industry.

Construction

OPTICAL FIBER

Core + cladding + coating + upcoating
Type 62.5/125/250/400 µm

PRIMARY JACKET

Copolymer zero halogen high temperature
= 0.90 ± 0.05 mm

MECHANICAL STRENGTH

Polymer aromatic fiber braid

OUTER JACKET

Fluoropolymer
= 1.80 ± 0.10 mm

Minimum bend radius

Storage > 40 mm

Long term > 18 mm

Short term (installation) > 8 mm