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OPTRAL



POF / IDF-R Simplex Simplex Plastic Fibre Cable



Cable description

- 01. Plastic fibre optic 1mm
- 02. Inner Jacket
- 03. Aramid
- 04. Ripcord
- 05. Outer Jacket

Applications

- Indoor
- Industrial control
- Short distances
- Optical sensors

Options

Jackets: LSZH / PUR

Fire resistance

Flame retardant (IEC 60332-3)
Low smoke emission (IEC 61034-2)

Connectorization

Compatible with connectors:
F05, F07
V-PIN simplex (HP connector)
FSMA, ST, SCRJ

Advantages

Compact / Lightweight / Excellent mechanical resistance / Totally dielectric.



All technical specifications are subject to change without prior notice. Consult OPTRAL for the latest edition.

SPECIFICATIONS	
Fibre diameter (mm)	1
Inner jacket	Thermoplastic FRLS ¹
Strength members	Aramid yarns
Outer jacket	Thermoplastic FRLS ¹
Outer diameter (mm)	3.6
Weight (Kg/Km)	16
Max. Tensile load (Installation) (N)	250
Max. Tensile load (Permanent) (N)	100
Min. Bending radius (mm)	50
Temperature range	-40°C to +80°C

Standards

Mechanical and Environmental tests according to IEC 60794-1-21 and IEC 60794-1-22.

¹FRLS – Special PVC heavy metals free, low halogen, low smoke emission and flame retardant.

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