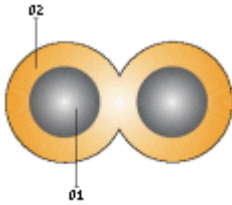


.....

# OPTRAL



## POF / IDF Duplex Duplex Plastic Fibre Cable



### Cable description

- 01. Plastic fibre optic 1mm
- 02. Outer jacket

### Fire resistance

Flame retardant (IEC 60332-1)  
Low smoke emission (IEC 61034-2)

### Connectorization

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

### Applications

Indoor  
Industrial control  
Short distances  
Optical sensors



### Advantages

Totally dielectric / Lightweight / Flexible / Easy connectorization



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

SPECIFICATIONS	
<b>Fibre Diameter (mm)</b>	1
<b>Outer Jacket</b>	Thermoplastic FRLS <sup>1</sup>
<b>Outer Diameter (mm)</b>	2.2 x 4.4
<b>Weight (Kg/Km)</b>	11
<b>Max. Installation Tensile Load (N)</b>	20 (IEC 60794-1-21 E1)
<b>Max. Permanent Tensile Load (N)</b>	10 (IEC 60794-1-21 E1)
<b>Min. Bending Radius (mm)</b>	30 (IEC 60794-1-21 E11)
<b>Temperature Range</b>	-40°C to +80°C (IEC 60794-1-22 F1)

### Standards

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

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

.....