

Indoor Cables

INDOOR DUCT LSZH SHEATH

The duplex flat optical cable uses 900µm tight buffered fibres as optical transmission medium, covered with aramid yarns as the strength member. A PVC inner sheath is extruded on each fiber, then a flat LSZH outer sheath is extruded. Other sheath materials are available on request.

Applications

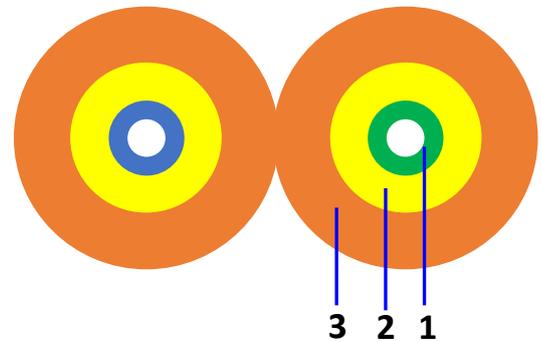
Duplex optical fiber connecting jumper or pigtail/ vertical cabling/indoor riser/communication equipment

Cable Structure

1. Tight buffered fiber
2. Aramid yarn
3. Outer sheath

Features

- Tight buffered fibres with excellent strip ability
- Good flame-retardant performance
- Aramid yarns providing excellent tensile performance
- Compact arrangement of fibres due to flat structure



Specification

Fiber Count	Part Number	Nominal Outer Dia (HxW) in mm	Weight (kg/km) Approx.	Tensile Strength (N)	Crush Strength (N)	Min. Bend Radius Operation (mm)	Min. Bend Radius Installation (mm)
2	PC-OFC-98-SM-01-01	2.8x5.8	16	200	500	10 x OD	20 x OD
2	PC-OFC-98-SM-01-01	2x4.2	9	150	300	10 x OD	20 x OD

*Specifications are subjected to change without any prior notice

Temperature Range		Fiber Attributes		
Storage	-40 °C to 70 °C (-40 °F to 158 °F)	Fiber Name	Single Mode (G.652.D)	Single Mode (G.657.A1)
Installation	-30 °C to 70 °C (-22 °F to 158 °F)	Wavelengths (nm)	1310/1383/1550	1310/1550/1625
Operating	-30 °C to 70 °C (-22 °F to 158 °F)	Maximum Attenuation(dB/km)	0.4/0.4/0.25	0.35/0.21/0.23

* Standard in Compliance: IEC 60793, IEC 60794. For detail specification, consult technical department of Premier Cables (Pvt) Ltd.

Note:

- * Cable marking as per customer requirement.
- * Delivery length available in 2km or as per requirement.