

Optical Cables for Underdeveloped Areas

UNI-TUBE ROUND PROFILE DROP CABLE WITH ARAMID YARNS

The Optical fibers (02-24F) are housed in single loose tubes that are made up of high-modulus plastic and filled with thixotropic jelly. Aramid yarns are used to give extra strength and flexibility to cable. PE jacket is extruded to make the cable structure complete.

Applications

Suitable for outdoor/indoor, external duct application

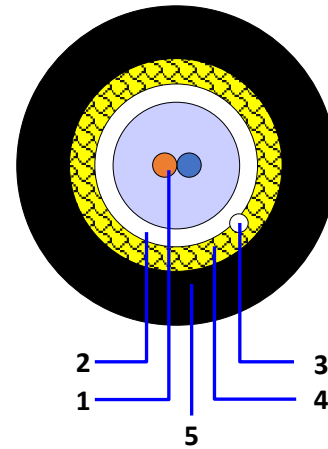
Cable Structure

1. Optical Fibers
2. Loose tube with gel
3. Water blocking yarns
4. Aramid Yarns
5. PE jacket

Features

- Choice of fiber type
- Good crush resistant
- Extra light weight
- Used within building installation
- PE/LSZH Sheath

Specification



Fiber Count	Part Number	Fiber per Tube/Tube Count	Nominal Outer Dia (mm)	Weight (kg/km) Approx.	Tensile Strength (N)	Crush Strength (N)	Min. Bend Radius Operation (mm)	Min. Bend Radius Installation (mm)
2	PC-OFC-16-SM-01-002	2/1	5.5	25	1000	500	10 x OD	20 x OD
4	PC-OFC-16-SM-01-004	4/1	5.5	25	1000	500	10 x OD	20 x OD
6	PC-OFC-16-SM-01-006	6/1	5.5	25	1000	500	10 x OD	20 x OD
8	PC-OFC-16-SM-01-008	8/1	5.5	26	1000	500	10 x OD	20 x OD
12	PC-OFC-16-SM-01-012	12/1	5.5	26	1000	500	10 x OD	20 x OD
24	PC-OFC-16-SM-01-024	24/1	7.0	30	1000	500	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 4km and 6km or as per requirement.