

# Optical Cables for Base Station & Towers

## TIGHT BUFFERED OPTICAL CABLE – RISER CABLE

Several 900µm tight buffered fibres (depending upon customer requirement) are housed and surrounded with aramid yarns as a strength member. Finally an outer sheath of LSZH is extruded outside the core.

### Applications

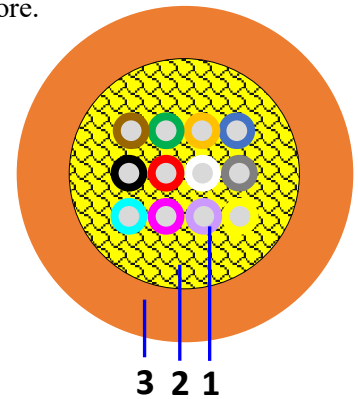
Suitable for indoor/outdoor, Rising/vertical wiring

### Cable Structure

1. Tight buffer fibers
2. Strength member
3. LSZH jacket

### Features

- Small size and light weight, easy for installation
- LSZH sheath ensuring good flame-retardant performance
- Especially applicable to pre-connection



### 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)
1	PC-OFC-17-SM-02-001	4.5	16	660	1000	10 x OD	20 x OD
2	PC-OFC-17-SM-02-002	4.5	17	660	1000	10 x OD	20 x OD
4	PC-OFC-17-SM-02-004	5.2	21	660	1000	10 x OD	20 x OD
6	PC-OFC-17-SM-02-006	5.2	23	660	1000	10 x OD	20 x OD
8	PC-OFC-17-SM-02-008	5.5	25	660	1000	10 x OD	20 x OD
12	PC-OFC-17-SM-02-012	6.5	34	660	1000	10 x OD	20 x OD

\*Specifications are subjected to change without any prior notice

Temperature Range	
Storage	-40 °C to 70 °C (-40 °F to 158 °F)
Installation	-10 °C to 70 °C (-14 °F to 158 °F)
Operating	-10 °C to 70 °C (-14 °F to 158 °F)

Fiber Attributes		
Fiber Name	Single Mode (G.652.D)	Single Mode (G.657.A1)
Wavelengths (nm)	1310/1383/1550	1310/1550/1625
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 1km and 2km.