

# Optical Cables for Base Station & Towers

## HYBRID ROUND CABLE – POWERED CABLE

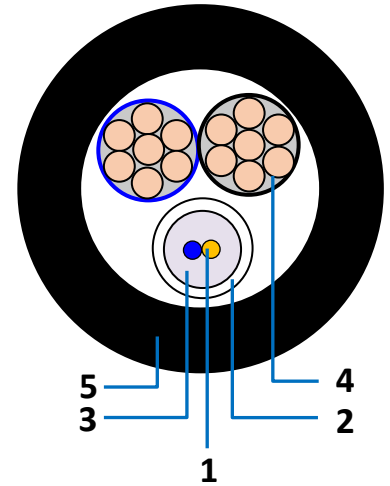
Cable is designed to provide a solution that combines Power and Optical Communications into one system, eliminating the hassles and extra expense associated with powering typical low-power network devices.

### Applications

Suitable for indoor/Outdoor

### Cable Structure

1. Optical Fiber
2. Loose Tube (PBT)
3. Thixotropic jelly
4. 14 - AWG Copper Conductor
5. LSZH/PE sheath



### Features

- Easy peel, stranded conductors for maximum cable flexibility and rapid access.
- Polarization indentation along one side of the cable for polarity identification.
- Riser/LSZH jacket for indoor/outdoor applications



### Specification

Fiber Count	Part Number	Nominal Outer Dia 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-99-SM-03-001	7.6	82	500	1000	10 x OD	20 x OD
2	PC-OFC-99-SM-03-002	7.6	82	500	1000	10 x OD	20 x OD
4	PC-OFC-99-SM-03-004	7.6	82	500	1000	10 x OD	20 x OD
6	PC-OFC-99-SM-03-006	7.6	83	500	1000	10 x OD	20 x OD
8	PC-OFC-99-SM-03-008	7.6	83	500	1000	10 x OD	20 x OD
12	PC-OFC-99-SM-03-012	7.6	83	500	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.A2)
Wavelengths (nm)	1310/1383/1550	1310/1550/1625
Maximum Attenuation(dB/km)	0.4/0.4/0.25	0.40.3/0.4

\* 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.