

Optical Cable for Base Station & Tower

TIGHT BUFFER MICRO CABLE (TACTICAL CABLE)

Tight buffered fibres are surrounded with a layer of aramid yarns as the strength member. Then a LSZH sheath is extruded. The strength member can be made of other high-strength yarns and other sheath materials are available on request.

Applications

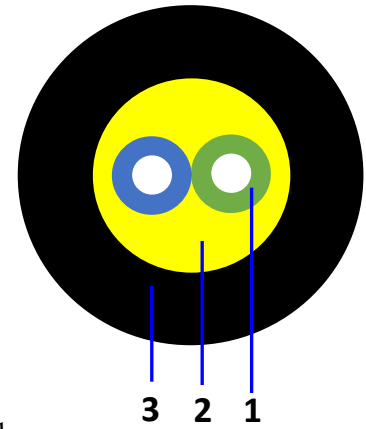
Suitable for Military use, Outdoor

Cable Structure

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

Features

- All-dry design, easy for branching and splicing
- Small size and light weight, easy for installation
- Fast Field Termination: 900 µm tight buffered fibers make termination simpler
- Rugged Construction: Superior level of crush resistance and repeat-use resistance



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)
2	PC-OFC-96-SM-01-002	5	30	1000	2000	50
4	PC-OFC-96-SM-01-004	5	30	1000	2000	50

*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)	0.5/0.4/0.5	0.4/0.3/0.4

* 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 500m and 1km.