

OPTICO Standard Pigtail Datasheet

Ideal for CATV, FTTH/FTTX, telecommunication networks, premise installations, data processing networks, LAN/WAN network, and more.



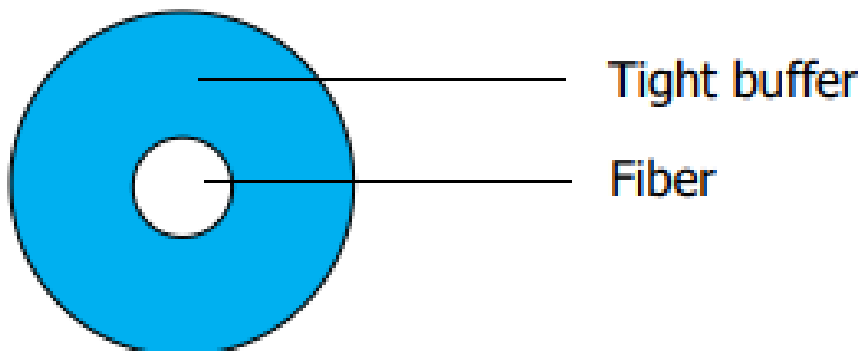
• Description

OPTICO offers a full line of simplex or Bundle Fiber Pigtails. Fiber pigtail is an important component of fiber network. It is at the end of the SC/LC/ST/FC/E2000 / MTP/MPO/MTRJ optical fiber connector, the other end for termination by fusion or mechanical splicing fiber optic cable. A typical 900μm tight buffer layer is adopted by default for easy fusion. OPTICO's use of high quality raw materials, rigorous production processes and quality control has made it a trusted brand for 15 years.

• Features

- Tested on optical performance insertion loss and return Loss.
- 0.9mm cable for high density splicing applications.
- Tight buffer for easy fusion or mechanical splicing
- LC, ST, SC, FC and LSH are available.
- UPC and APC polish type
- PVC jacket as default, OFNP and LSZH are optional.
- High reliability and stability
- High quality CCTC ceramic ferrules

• Cable structure



- Technical Specifications

| Item | Parameter |
|--------------------------|--|
| Fiber Count | Simplex |
| Fiber Mode | Singlemode:OS2 Multimode:OM1/OM2/OM3/OM4 |
| Connector Type | SC/LC/ST/FC/E2000/MTRJ/LSH |
| Polish Type | APC/UPC |
| Jacket Color | SM:Yellow/white OM1/2:Orange OM3/4: Aqua |
| Jacket Ratings | PVC/LSZH |
| Outer Cable Diameter(mm) | 0.9/2.0 |
| Minimum Bending Radius | 5D/10D(Static/Dynamic) |

| Optical Testing | Parameter |
|---|---|
| Insertion Loss(dB) | ≤ 0.25 |
| Return Loss(dB) | SMF: UPC ≥ 50 , APC ≥ 60 (LC/SC/ST/FC) UPC ≥ 55 , APC ≥ 75 (LSH) MMF: UPC ≥ 30 (LC/SC/ST/FC/LSH) |
| Wavelength(nm) | SMF: 1310/1550; MMF: 850/1300 |
| Attenuation(dB/Km) | SMF: ≤ 0.36 at 1310nm, ≤ 0.22 at 1550nm MMF: ≤ 3.0 at 850nm, ≤ 1.0 at 1300nm |
| Operating Temperature($^{\circ}\text{C}$) | -40~85 |
| Storage Temperature($^{\circ}\text{C}$) | -40~85 |

- Tips:

In order to make the customers know us more, please visit our VR factory, it is just like you were really standing in our factory.

OPTICO Fiber Assemblies Production Line VR :<https://www.linked-reality.com/company/15555/en>