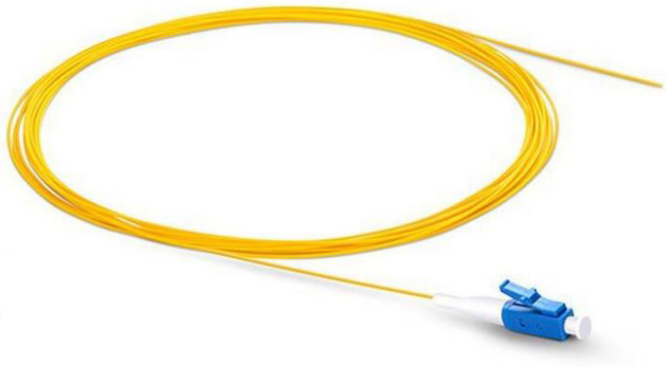
Simplex Fiber Optic Pigtails Datasheet

0.9MM CABLE FOR HIGH DENSITY SPLICING APPLICATIONS.

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



Standard 900μm Buffered Fiber

Fiber optic pigtail is an important component commonly used in fiber optic networks. It has fiber connector at one end, and the other is utilised in terminating fiber optic cables via fusion or mechanical splicing. Feature a typical 900μm tight buffered as default, it is easy for fusion.

Features

1.Tested on optical performance insertion loss and return Loss.

2.0.9mm cable for high density splicing applications.

3.Tight buffer for easy fusion or mechanical splicing.

4. LC, ST, SC, FC and LSH are available.

5.UPC and APC polish type.

6. PVC jacket as default, OFNP and LSZH are optional.

Standards Compliance

Technical Specification

Physical Characteristics	Description
Fiber Count	Simplex
Fiber Mode	Single Mode: OS2; Multimode: OM1/OM2/OM3/OM4
Connector Type	LC/SC/FC/ST/LSH
Fiber Grade	OS2: G.652.D; OM4/OM3/OM2: Bend Insensitive; OM1: G.651
Cable Jacket	PVC (Riser/OFNR)/LSZH/Plenum (OFNP)
Jacket Color	OS2: Yellow; OM3/OM4: Aqua; OM1/OM2: Orange
Cable Diameter (mm)	0.9/2.0
Minimum Bend Radius (mm)	Single Mode: 30; Multimode: 7.5/15

Optical Characteristics	Description
Insertion Loss (dB)	≤0.2
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	-40°C to 85°C
Storage Temperature	-45°C to 85°C