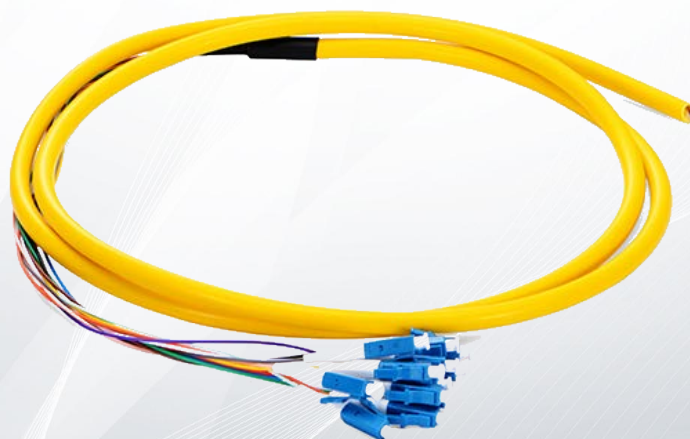


12 Fibers Pigtails Datasheet

IDEAL FOR CATV, FTTH/FTTX, TELECOMMUNICATION NETWORKS, DATA PROCESSING NETWORKS, LAN/WAN NETWORKS.



12 Fibers Pigtails

Fiber optic pigtail is a tight buffered fiber cable with connectors pre-terminated on one end and exposed fiber on the other. The exposed end could be stripped and fusion spliced to a single or multi-fiber trunk. Bunch and color-coded types are available. And these pigtails feature a typical 900µm tight buffered as default. They are easy for fusing and protecting the tight buffers from damage.

Standards Compliance

- ISO9001 and RoHS Compliant

Features

- Tight buffer for easy fusion or mechanical splicing.
- 0.9mm cable for high density splicing applications.
- OS2/OM4/OM3 are for your choice.
- LC/SC connectors are available.
- UPC and APC polish type.
- Tested for insertion loss, return loss and end face.

Technical Specification

Physical Characteristics	Description	
Cable Type	Bunch	Color-coded
Fiber Count	12 Fibers	12 Fibers
Fiber Mode	OS2/OM3/OM4	OS2
Fiber Grade	OS2: G.657.A1; OM4/OM3: Bend Insensitive	G.657.A1
Connector Type	LC/SC	LC/SC
Polish Type	OS2: UPC/APC; OM3/OM4: UPC	UPC/APC
Fiber Diameter (mm)	0.9	0.9
Cable Jacket	PVC (Riser/OFNR)	/
Breakout Length (m)	0.5 (Cable Length \geq 3m); 0.3 (Cable Length $<$ 3m)	/
Minimum Bend Radius (mm)	20/10D (Dynamic/Static)	30

Optical Characteristics	Description
Insertion Loss (dB)	≤ 0.3
Return Loss (dB)	SMF: UPC \geq 50, APC \geq 60; MMF: ≥ 30
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 75°C
Storage Temperature	-45°C to 85°C

Hot Products

ID	Description
#42459	1m (3ft) LC UPC 12 Fibers OS2 Single Mode Unjacketed Color-Coded Fiber Optic Pigtail
#42458	1m (3ft) SC UPC 12 Fibers OS2 Single Mode Unjacketed Color-Coded Fiber Optic Pigtail
#42412	1.5m (5ft) LC UPC 12 Fibers OS2 Single Mode Bunch PVC (OFNR) 0.9mm Fiber Optic Pigtail
#42416	1m (3ft) SC APC 12 Fibers OS2 Single Mode Unjacketed Color-Coded Fiber Optic Pigtail

Matching Products

ID	Description
#72812	Fiber Optical Stripper with Three Holes
#14341	High Precision Fiber Optic Cleaver FS-08C
#35858	1x8 PLC Blockless Fiber Splitter Outdoor Distribution Box Without Pigtails and Adapters
#18016	4 Ports Wall Mounted Fiber Terminal Box as Distribution Box Without Pigtails and Adapters
#35389	10mW (8-10km) FVFL-205 Pen Shape Visual Fault Locator with 2.5mm Universal Adapter

Note:

The matching products for 12 fibers pigtails are shown for reference.



 <https://www.fs.com>



The information in this document is subject to change without notice. FS has made all efforts to ensure the accuracy of the information, but all information in this document does not constitute any kind of warranty.