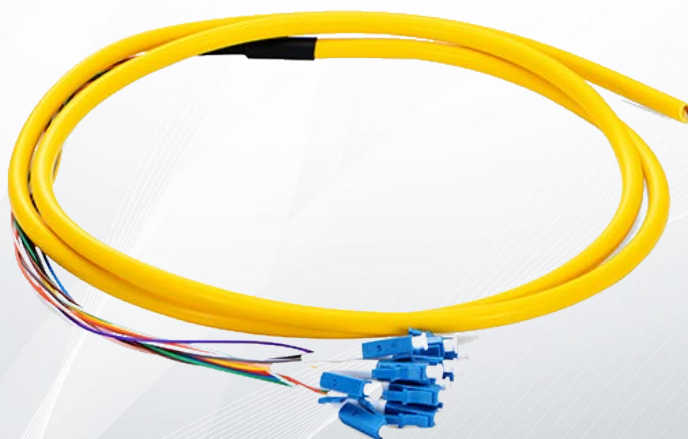**FS**

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.

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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≥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≥50, APC≥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℃ to 75℃
Storage Temperature	-45℃ to 85℃

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.