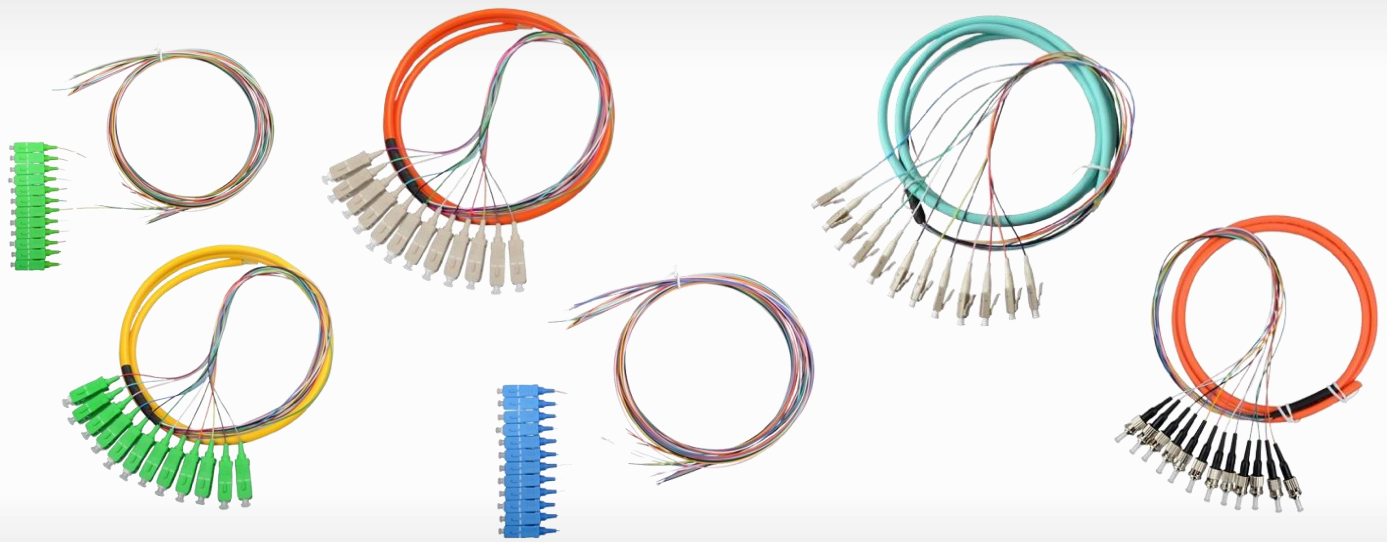


12 Core Pigtails



Description

12 Core Fiber Optic Pigtails are factory-terminated fiber cables consisting of twelve color-coded optical fibers, each terminated with a single connector on one end and left unterminated on the other for fusion splicing. These pigtails are available with SC, LC, ST, and FC connectors, in Single Mode (OS2) and Multimode (OM1 / OM3) variants, with UPC or APC polishing. They ensure low insertion loss, high return loss, and reliable optical performance in fiber optic networks.

Features

- 12 color-coded fibers for easy identification and management
- Available in Single Mode (OS2) and Multimode (OM1 / OM3)
- Supports SC, LC, ST, and FC connector types
- UPC and APC polish options for different network requirements
- Low insertion loss and high return loss
- Factory polished and tested for consistent quality
- Suitable for fusion splicing and mechanical splicing
- Complies with ITU-T, TIA/EIA, and IEC standards
- Available with or without outer jacket as required

12 Core Pigtails

Applications

- Fiber Optic Distribution Frames (ODF)
- Telecom and FTTH networks
- Data centers and enterprise networks
- LAN, WAN, and CATV systems
- Optical patch panels and termination boxes
- Backbone and access network installations
- Indoor fiber cabling systems

Specifications

Characteristics	Conditions
Interchangeability	$\leq 0.2\text{dB}$
Salt Spray	$\leq 0.1\text{dB}$
Repeatability	$\leq 0.1\text{dB}$ (1000 times)
Vibration	$\leq 0.2\text{dB}$ (550 Hz 1.5 mm)
Temperature	$\leq 0.2\text{dB}$ (-40 +85 sustain 100 hours)
Humidity	$\leq 0.2\text{dB}$
Apex Offset	$0\ \mu\text{m} \sim 50\ \mu\text{m}$
Radius of Curvature	7 mm \sim 25 mm

12 Core Pigtails



Ordering information

Product Name	Model Name
Pigtail 12 Core SC/APC SM without jacket	IK-FOP-SC-APC-SM-A
Pigtail 12 Core LC/UPC SM without jacket	IK-FOP-LC-UPC-SM-A
Pigtail 12 Core ST/UPC SM	IK-FOP-ST-UPC-SM-A
Pigtail 12 Core ST/UPC MM OM1	IK-FOP-ST-UPC-MM-A
Pigtail 12 Core SC/UPC SM without jacket	IK-FOP-SC-UPC-SM-A
Pigtail 12 Core SC/APC SM	IK-FOP-SC-APC-SM-B
Pigtail 12 Core SC/UPC SM	IK-FOP-SC-UPC-SM-C
Pigtail 12 Core SC/UPC MM OM1	IK-FOP-SC-UPC-MM-A
Pigtail 12 Core LC/APC SM	IK-FOP-LC-APC-SM-A
Pigtail 12 Core LC/UPC MM OM3	IK-FOP-LC-UPC-MM-A
Pigtail 12 Core LC/UPC SM	IK-FOP-LC-UPC-SM-B
Pigtail 12 Core LC/UPC MM OM1	IK-FOP-LC-UPC-MM-B
Pigtail 12 Core FC/UPC SM without jacket	IK-FOP-FC-UPC-SM-A
Pigtail 12 Core FC/APC SM	IK-FOP-FC-APC-SM-A
Pigtail 12 Core FC/UPC SM	IK-FOP-FC-UPC-SM-B