



Optical Pigtail

XFE 1  
XFE 2



OPTICAL FIBERS

PON

PASSIVE OPTICAL NETWORKS



OPTICAL PASSIVES

1 year

WARRANTY

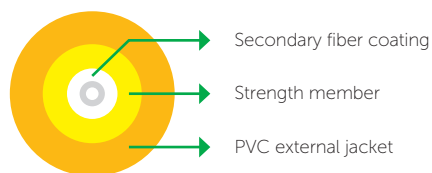
Simplex cables of the *tight* type, with single-mode fiber with low bending sensitivity and dielectric strength member are suitable for indoor environments. They have a connector on one end only, SC/UPC or SC/APC type, and a jacket with flame retardant material, which ensures protection against fire propagation.



Length	Diameter
3,000 mm	2 mm



## Cable Details



## Features

- » Optical signal distribution
- » FTTx distribution system
- » Telecommunication networks
- » LAN and WAN networks
- » CATV
- » PON Networks
- » Data Processing (CPD)

## Technical Specifications

		XFE 1	XFE 2
Connector		SC	SC
Polishing		UPC	APC
Insertion loss (IL)		≤ 0.30 dB - Class III	≤ 0.30 dB - Class III
Return Loss (RL)		≥ 50 dB - Category C	≥ 60 dB - Category D
Operation temperature		-40 °C to 85 °C	-40 °C to 85 °C
Connection durability		≥ 1000	≥ 1000
Coupling type		Push-pull	Push-pull
Ferrule		Zirconia	Zirconia
Optical pigtail	Diameter	2 mm	2 mm
	Material	PVC	PVC
	Color	Yellow	Yellow
	Flammability Class	COG	COG
Strength member		Dielectric	Dielectric
Minimum bend radius		15 mm	15 mm
Optical fiber		ITU-T G.657A1	ITU-T G.657A1
Diameter of secondary coating		0.9 ± 0.05 mm	0.9 ± 0.05 mm
Attenuation	1.310 nm	≤ 0.38 dB/km	≤ 0.38 dB/km
	1.550 nm	≤ 0.24 dB/km	≤ 0.24 dB/km
SC connector dimensions (W X H X D)		9 × 8.2 × 60 mm	9 × 8.2 × 60 mm

## Available models



**XFE 1**  
Optical pigtail SC/UPC SM



**XFE 2**  
Optical pigtail SC/APC SM

## Notes regarding use

- » Remove the protection cap only at the time of use.
- » Do not touch the connector's ferrule.
- » Observe the minimum bending radius of the cable.
- » Never direct the end of the optical fiber or the optical connectors toward the eyes. Optical radiation can be harmful.