

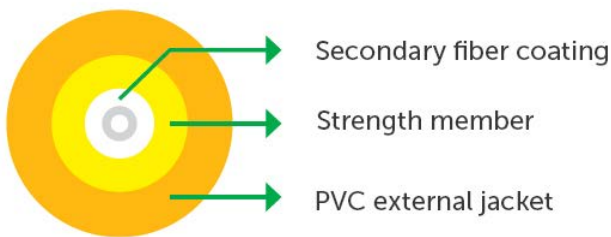
- » Optical signal distribution
 - » FTTx distribution system
 - » Telecommunication networks
 - » LAN and WAN networks
 - » CATV
 - » PON Networks
-
- » Data Processing (CPD)

Optical patchcord



The *tight* type simplex cables, with low bending sensitivity single-mode fiber and dielectric strength member, have connectors (models SP/UPC or SC/APC) at both ends. Recommended for indoor environments, they have a jacket with flame retardant material, which ensures protection against fire propagation.

Cable details



Length	Diameter
3,000 mm	2 mm



Available models



XFC 1
SC/UPC SM Optical patchcord



XFC 2
SC/APC SM Optical patchcord



XFC 12
SC/UPC-SC/APC SM Optical patchcord

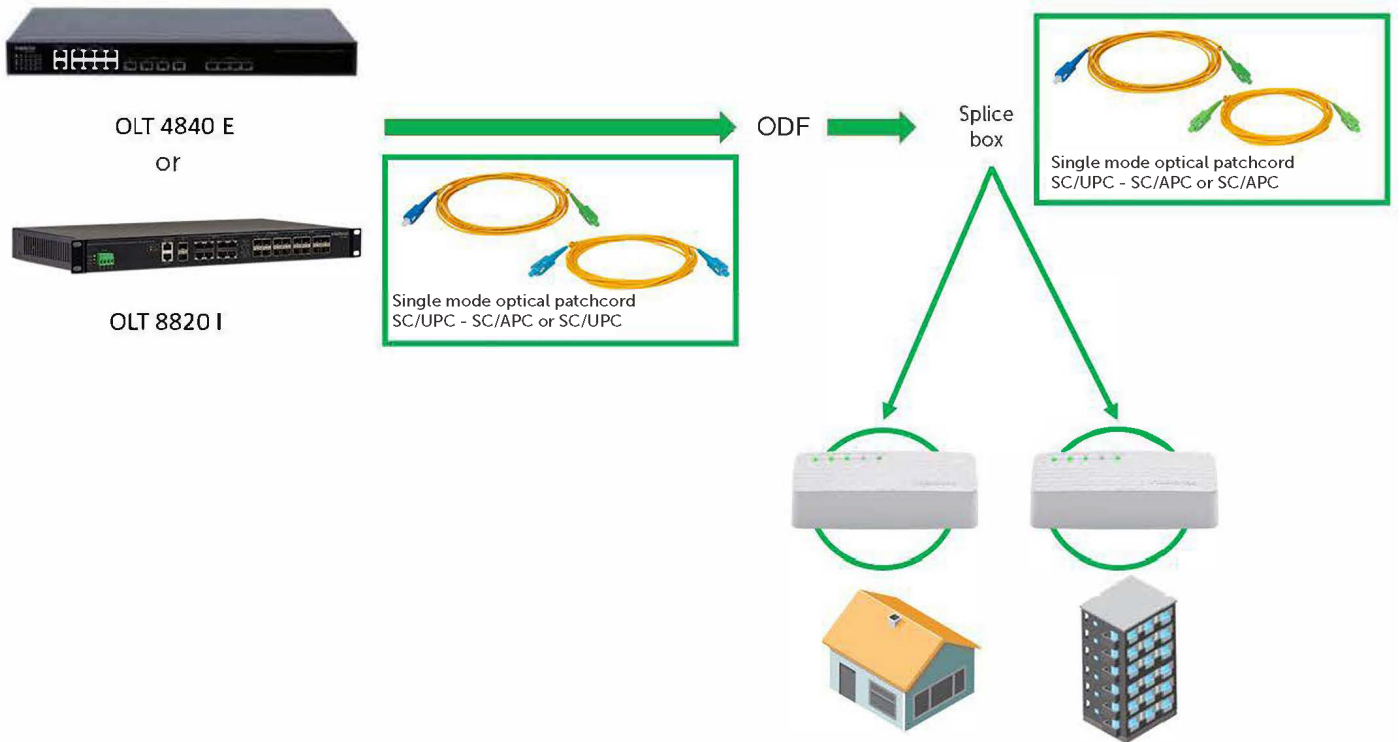
Technical Specifications

		XFC 1	XFC 2	XFC 12
Connector		SC	SC	SC
Polishing		UPC	APC	UPC/APC
Insertion loss (IL)		≤ 0.30 dB - Class III	≤ 0.30 dB - Class III	≤ 0.30 dB - Class III
Return Loss (RL)		≥ 50 dB - Category C	≥ 60 dB - Category D	UPC: ≥ 50 dB - Category C APC: ≥ 60 dB - Category D
Operation temperature		-40 °C to 85 °C	-40 °C to 85 °C	-40 °C to 85 °C
Connection durability		≥ 1000	≥ 1000	≥ 1000
Coupling type		Push-pull	Push-pull	Push-pull
Ferrule		Zirconia	Zirconia	Zirconia
Optical patchcord	Material	PVC	PVC	PVC
	Color	Yellow	Yellow	Yellow
	Flammability Class	COG	COG	COG
Strength member		Dielectric	Dielectric	Dielectric
Minimum Bend Radius		15 mm	15 mm	15 mm
Optical fiber		ITU-T G.657A1	ITU-T G.657A1	ITU-T G.657A1
Attenuation	1310 nm	≤ 0,38 dB/km	≤ 0.38 dB/km	≤ 0.38 dB/km
	1550 nm	≤ 0.24 dB/km	≤ 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	9 × 8.2 × 60 mm
Cable length		3 m	3 m	3 m
Cable Diameter		2 mm	2 mm	2 mm

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.

Application Scenario



Understand nomenclature

