

FTTA PDLC FIBER OPTIC PATCH CABLES

FTTA fiber optic patch cables are usually terminated the two singlemode fiber with IP-LC connectors to offering a plug and play , easy, fast installation. The FTTA fiber patch cable are designed for harsh environment . It allows high quality data transfer from the base station to the RRU.

Fiber Zip Technology manufactures a wide range of outdoor fiber optic patch cables for the connection between telecom base station and remote radio. They are compliant with other ODVA connectors which are developed for outdoor and harsh environments

Features

- Terminate the GYFJH SM 7.0mm fiber cable with LC connectors
- Connector is designed to exceed the requirement of ODVA for harsh environment
- Customized cable length with test report each cable
- Easy , reliable and fast installation
- Suitable for outdoor or direct buried installation in FTTH, FTTA, Military



Application

- Indoor and Outdoor applications
- Outdoor & Military communication equipment connection.
- Oil field, mine communication connection.
- Far transmission wireless base station.
- Video Surveillance system
- Optical fiber sensor.
- Railway signal control.
- Intelligent substation

Optical Characteristics:

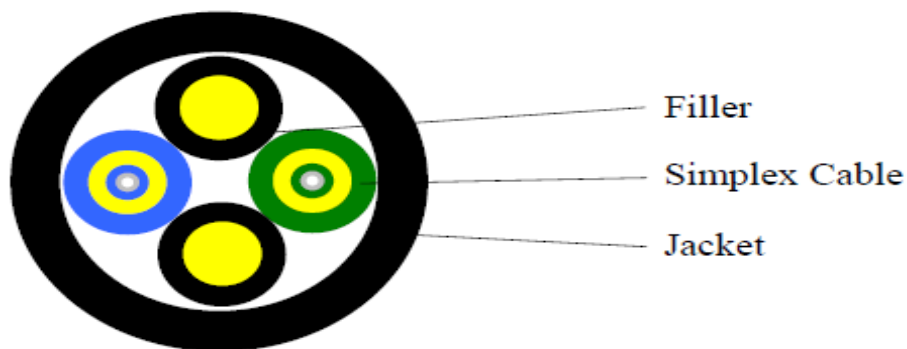
Item	Single mode, Multimode		
Ferrule End-face	PC	UPC	APC
Insert attenuation	≤0.3dB	≤0.3dB	≤0.3dB
Return loss	≥45dB	≥50dB	≥55dB
repeatability	≤0.1dB	≤0.1dB	≤0.1dB
Operation temperature	-20°C~+70°C(PVC)/-40°C~+90°C (LSZH/PE)		
Outer diameter	1.6mm/2.0mm(fan-out cable part), 7.0mm		

GYFJH Cable Details:

Fiber Parameters:

Items		unit	Performance
			9/125
Cladding Diameter		μm	125±0.7
Core-cladding concentricity		μm	≤0.5
Cladding non-circularity		%	≤0.7
Coating Diameter		μm	245±5
Cladding -coating concentricity		μm	<12.0
Mode field Diameter	1310nm	μm	9.2±0.4
	1550nm	μm	10.4±0.5
Fiber Cutoff Wavelength		μm	λ _{cc} ≤1260

Cable Structure:



ITEMS		Specifications
FIBER COUNT		2
Simplex cable	Dimension	1.9±0.1mm
	Material	LSZH
	Color	Blue Yellow
Filler	Dimension	1.9±0.1mm
	Material	LSZH
	Color	Black
Jacket	Dimension	7.0±0.2mm
	Material	LSZH
	Color	Black