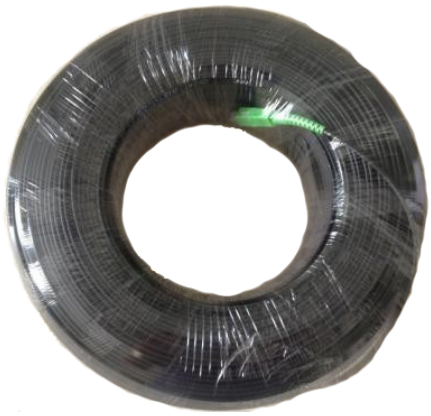
PIGTAIL-SC-APC-GJYXFCH



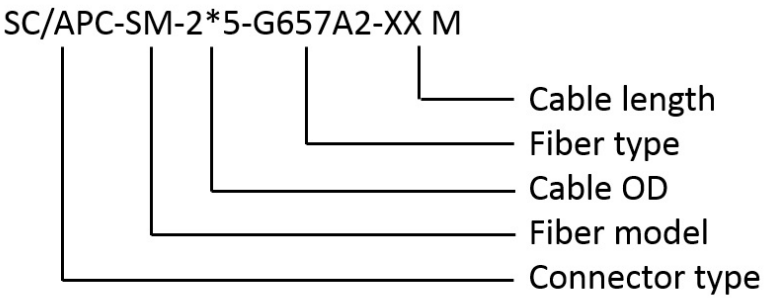
FEATURES

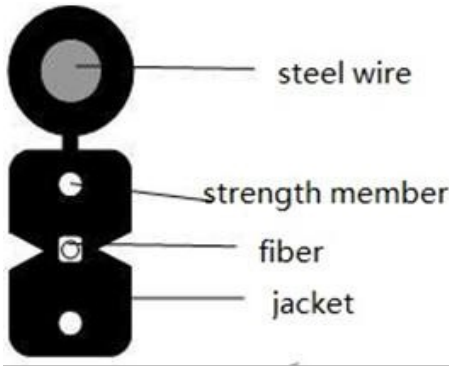
- Suit for Single Mode or Multi Mode Simplex cable
- Good temperature stability
- High quality connectors
- Receive and transmit legs clearly indicated Low insertion loss,High return loss.
- Good repeatability, Mutual thrust performance
- Widely used to connect the trunk cable wiring devices
- Conform to the IEC 874-7, TIA/EIA568- B- 3 CECC86115-80 industry standards

SPECIFICATION

Cable Type	GJYXFCH
Fiber count	1
The Color Code of The fibers	Blue,Orange,-Green, Brown
Strength Member	K-FRP
Messenger wire	Steel
Jacket Material	LSZH(white color or black color)
OD of cable(mm)	2.0×5.0±0.1
Net weight (kg/km)	18

AVALIABLE VARIANT





PIGTAIL-SC-APC-GJYXFCH

CONNECTOR PARAMETERS

Parameter	Unit	FC, SC, LC/ fiber patch cord				ST		
		SM			MM	SM		MM
		PC	UPC	APC	PC	PC	UPC	PC
Insertion Loss(typical)	dB	≤0.3	≤0.3	≤0.25	≤0.3	≤0.3	≤0.3	≤0.3
Return Loss	dB	≥ 45	≥ 50	≥ 60	≥ 30	≥ 45	≥ 50	≥ 30

Operating Wavelength	Ex-changeability	Vibration	Operating /Stora-ge Temperature	Cable Diameter
nm	dB	dB	°C	mm
1310, 1510, 850	≤ 0.2	≤ 0.2	-40~75/-45~85	ϕ3.0, ϕ2.0, ϕ0.9

TIGHT BUFFER COLOR MODE

FIBER	Tight Buffer Color Code	
Single Mode	White	(or)Yellow
Multi-Mode	White	(or)Orange
10Gigabit Multi-Mode	White	(or)Aqua

SINGLE MODE FIBER PARAMETERS

Items	UNITS	SPECIFICATION	
Fiber type+A2:D16		G652D	G657A
Attenuation	dB/km	≤ 0.4 at 1310nm ≤ 0.3 at 1550nm	
Chromatic Dispersion	ps/nm.km	≤ 3.5 at 1310nm ≤ 18 at 1550nm ≤ 22 at 1625nm	
Zero Dispersion Slope	ps/nm2.k m	≤ 0.092	
Zero Dispersion Wavelength	nm	1300 ~ 1324	
Cut-off Wavelength (lcc)	nm	≤ 1260	
Attenuation vs. Bending (60mm x100turns)	dB	(30mm radius,100ring) ≤ 0.1 @ 1625nm	(10mm radius,1ring)≤ 1.5 @ 1625nm
Mode Field Diameter	mm	9.2 ± 0.4 at 1310nm	9.2 ± 0.4 at 1310nm
Core-Clad Concentricity	mm	≤ 0.5	≤ 0.5
Cladding Diameter	mm	125±1	125±1
Cladding Non-circularity	%	≤ 0.8	≤ 0.8
Coating Diameter	mm	245±5	245±5
Proof Test	Gpa	≥ 0.69	≥ 0.69

MULTI MODE FIBER

LTEMS		UNITS	SPECIFICATION				
			62.5/125	50/125	OM3-150	OM3-300	OM4-550
Fiber Core Diameter		μm	62.5±2.5	50.0±2.5	50.0±2.5		
Fiber Core Non-cir-cularity		%	≤6.0	≤6.0	≤6.0		
Cladding Diameter		μm	125.0±1.0	125.0±1.0	125.0±1.0		
Cladding Non-circularity		%	≤2.0	≤2.0	≤2.0		
Coating Diameter		μm	245±10	245±10	245±10		
C0at-Clad Concentricity		μm	≤12.0	≤12.0	≤12.0		
Coating Non-circularity		%	≤8.0	≤8.0	≤8.0		
Core-Clad Concentricity		μm	≤1.5	≤1.5	≤1.5		
Attenua-tion	850nm	dB/km	3.0	3.0	3.0		
	1300nm	dB/km	1.5	1.5	1.5		
OFL	850nm	MHz.km	≥160	≥200	≥700	≥1500	≥3500
	1300nm	MHz.km	≥300	≥400	≥500	≥500	≥500
The biggest theory numerical aperture			0.275±0.015	0.200±0.015	0.200±0.015		