

Technical Data Sheet

SC/APC Drop cable pigtail simplex Single mode(SM) G657A1 2.0*3 mm LSZH

SC/APC connector adopts A grade ferrule and 8 angle polishing method as the end face of the APC connector.

Features

- Low Insertion loss and Return loss
- Good repeatability, Good changeability ,Good temperature stabilization
- High reliability and Precision alignment



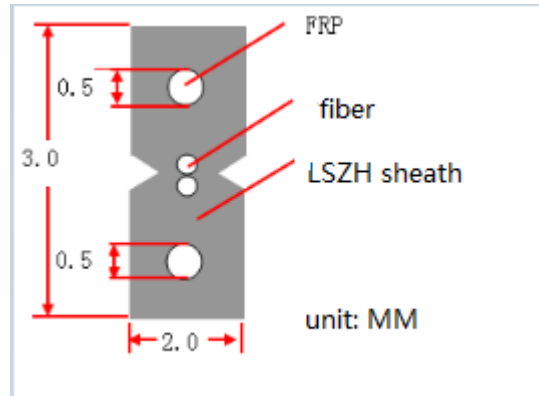
Applications

- can be widely used for FTTX
- Passive Optical Network (OPN)
- Cable TV Network (CATV)

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Parameters of cable

Cable structure



Materials and mechanical parameters

Number of cores		/	1/2/4
Fiber type		/	G.657A1
CSM	Material	mm	FRP
	size (approx)		0.5
	number		2
Outer jacket	material	mm	LSZH
Cable size (average)		mm	2.0×3.0
Cable wight (approx)		kg/km	9.8 (ave)
Max attenuation	1310nm	dB/km	0.40
	1550nm		0.30
Tensile strength	Long term	N	40
	Short term		80
Crush strength	Long term	N/100mm	500
	Short term		1000
Bending radius	static	mm	20 cable's diameter
	dynamic		40 cable's diameter
Working temperature		□	-40~+60
marking	CFO GJXFH-××B6a1 YD/T 1997.1-2014 ××××M year (or as customer requires)		

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Patch cord of cable

Description		SC/APC Drop cable pigtail simplex Single mode(SM) G657A2 2.0*3mm LSZH	
Item NO.	Test Item	Unit	Standard & Requirement
1	Appearance		No crack, No scar, Good conformability
2	Ferrule polished end		No scar, No spot
8	Insertion loss	dB	SM≤0.35dB
9	Return Loss	dB	APC≥60 dB,
10	Pulling force	kg	7
11	Durability		Min 500 times
12	Repetitiveness	dB	Insertion loss change< 0.2, Return loss change< 5
13	Bending radius of cable	mm	15mm
14	Operating temperature	°C	-25 to +75
15	Cable material		YOFC fiber .cable is black color
16	Ferrule material		Ceramic zirconia(Grade A)
17	Connector		Green Connector
18	Package		Clean, Correctitude, No dirt

Packing information

- Each pigtail with a PE bag packaging