

CPRI Patch Cords



Description

The CPRI patch cords are standard size for Duplex LC Connectors, widely used in FTTH, Base station, and the outdoor waterproof condition. SOPTO supplies FTTH(Fiber to the Antenna) DLC (Dual LC Connector) SM GYFJH 2G.657A patch cord for TD-SCDMA,WCDMA,CDMA2000, Wimax, 2G, 3G, 4G and 5G Base Station BBU-RRU outdoor. These products are good for CPRI application.

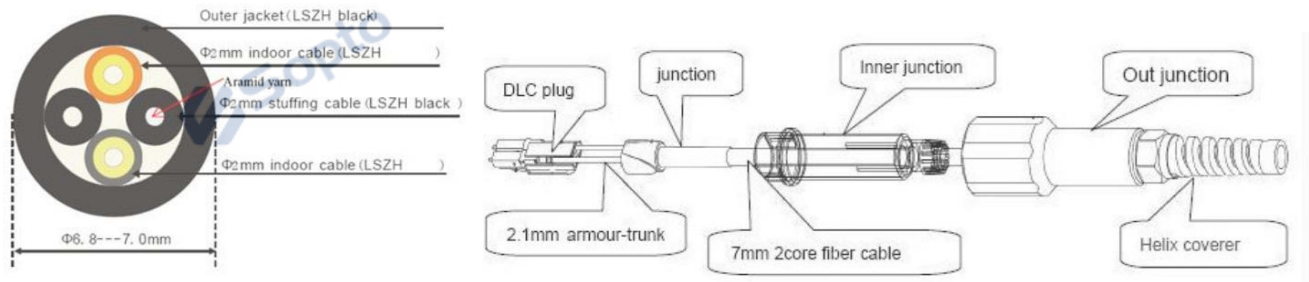
Features

- The CPRI patch cords are used for outdoor RRU transmitting optical signal and remote fiber feeder etc;
- Standard Duplex LC connector, well connected with standard LC adaptor
- Available Single mode and Multimode
- IP67 protection, salt-mist proof, humidity proof, dust proof
- Low insertion/return loss, steady optical transmitting.
- Light weight, waterproof, dustproof, moisture proof, Metal hard housing.
- 500cycles Mechanical life

Applications

- Widely used in FTTA & FTTH
- Used for 3G 4G base station
- BBU, RRU, RRH, LTE

Cable Structure



GYFJH

Fiber Parameters

G.652D For example

No.	Items	Unit	Specification	
			G.652D	
1	Mode Field Diameter	1310nm	μm	9.2 ± 0.4
		1550nm	μm	10.4 ± 0.5
2	Cladding Diameter	μm	124.8 ± 0.7	
3	Cladding Non-Circularity	%	≤ 0.7	
4	Core-Cladding Concentricity Error	μm	≤ 0.5	
5	Coating Diameter	μm	245 ± 5	
6	Coating Non-Circularity	%	≤ 6.0	
7	Cladding-Coating Concentricity Error	μm	≤ 12.0	
8	Cable Cutoff Wavelength	nm	$\lambda_c \leq 1260$	
9	Attenuation(max.)	1310nm	dB/km	≤ 0.4
		1550nm	dB/km	≤ 0.3

Cable Parameters

Items		Specifications
Fiber Count		2
Tight-buffered Fiber	Dimension	$2.0\pm 0.1\text{mm}$

	Material	LSZH
	Color	Default
Filler	Dimension	2.0±0.1mm
	Material	LSZH
	Color	Black
Strength member		Aramid yarn
Jacket	Dimension	7.0±0.2mm
	Material	LSZH
	Color	Black

Ordering Information

Items	Unite	Specifications
Crush (Long Term)	N/10cm	500
Crush (Short Term)	N/10cm	1000
Min. Bend Radius (Dynamic)	mm	20D
Min. Bend Radius (Static)	mm	10D
Operating Temperature	°C	-20 ~ +60
Storage Temperature	°C	-20 ~ +60

Product Description : SPP- CPRI- LC- LC - UU - 2 D - 70-100 HP-C(-09-0.4)

1 2 3 4 5 6 7 8 9 10 11

1 - Connector A	LC
2 - Connector B	LC SC FC etc
3 - Endface A	U: UPC polish; P: PC polish; A: APC polish
4 - Endface B	U: UPC polish; P: PC polish; A: APC polish
5 - Fiber Count	2: Duplex; 1: Simplex
6 - Fiber Mode	M1: OM1; M2: OM2; M3: OM3; M4: OM4; D: G.652D; A1: G657.A1; A2: G657.A2
7 - Diameter	70: 7.0mm; 48: 4.8mm
8 - Length	100: Cable total length 100M ; etc
9 - Cable Jacket Materials	H:LSZH
10 - Type	1. Null: Without armour or waterproof cover, with 2.0mm&0.5M branch 2. B: Armour on both sides, with 2.0mm&0.5M branch 3. P-X: with a waterproof cover on one side, with 2.0mm&0.5M branch at the other side PB-X: with a waterproof cover on one side, with 2.0mm&0.5M armored branch at the other side

	<p>PP-X: with Waterproof cover on both sides At present, there are three kinds of waterproof cover. X=A,B or C A refers to Full AXS cover, suitable for 4.8mm cable diameter; B refers to ODVA cover, suitable for 5.0-7.0mm cable diameter; C refers to NSN cover, suitable for 5.0-7.0mm cable diameter</p>
<p>11 - Additional instructions on branches</p>	<p>1.Null: Default 2.0mm&0.5M branch 2. for example “-09-0.4” refers to 0.4M branch 0.9mm branch The default branch diameter is 2.0mm, -09 : 0.9mm branch diameter , -30: 3.0mm branch diameter. The default branch length is 0.5M, -Y : the other branch lengths (unit: m, added at the end of the model.) $Y \geq 0.1$, Branch without armour; $Y \geq 0.13$, Armored Branch;</p>



Armored breakout Type



Waterproof Cover Type



Waterproof Cover+Armored Type



Normal Type



A type: Full AXS



B type: ODVA



C type: NSN

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