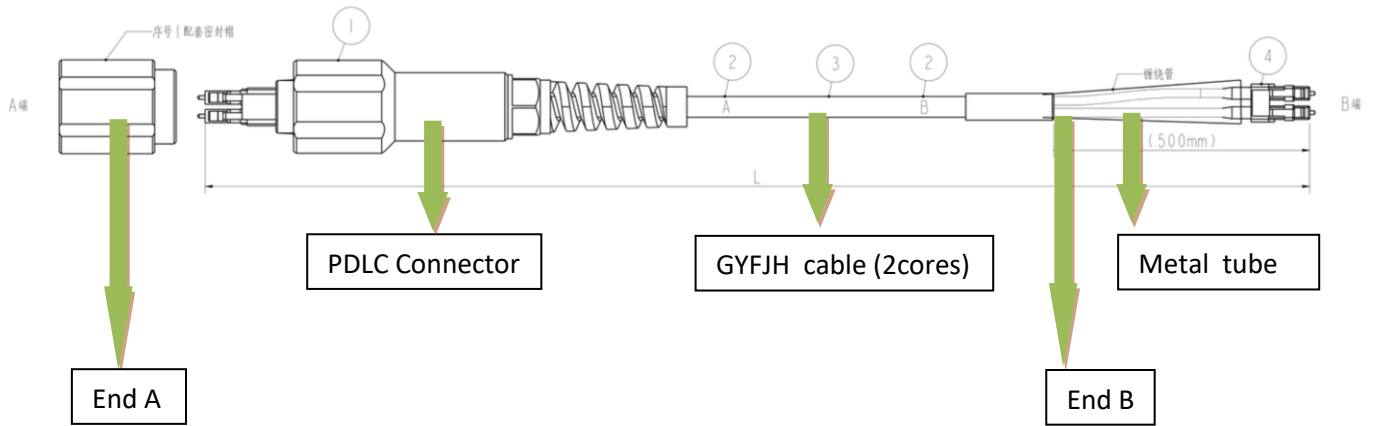


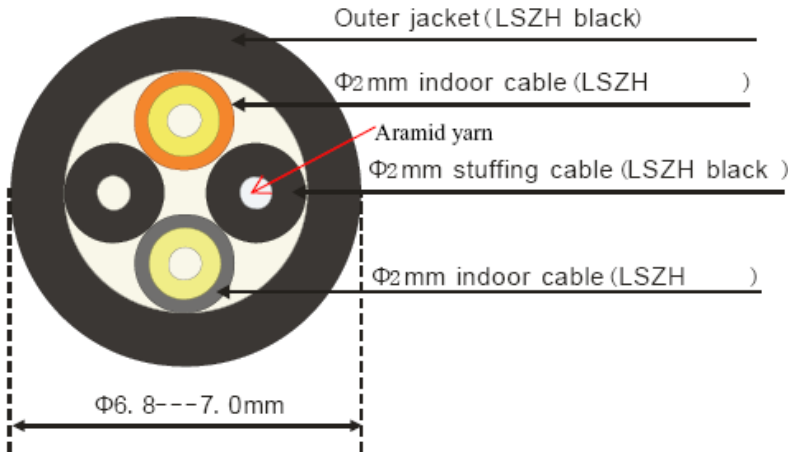
**Optical cable assembly, PDLC/DLC, GYFJH, 2B.3.SM 2Core. Outdoor**



**Specification**

**1. GYFJH Cable**

**1.1 Structure:**



**1.2 Application**

Mainly used in wireless base station horizontal and vertical cabling

**1.3 Features**

- 1, Good mechanical and environmental characteristics;
- 2, Flame retardant characteristics meet the requirements of relevant standards;
- 3, The mechanical characteristics of jacket meet the requirements of relevant standards;

4, Soft, flexible, water blocked, UV resistant, easy to lay and splice, and with big capacity data transmission;

5, Meet various requirements of market and clients

### 1.4 Cable Parameters

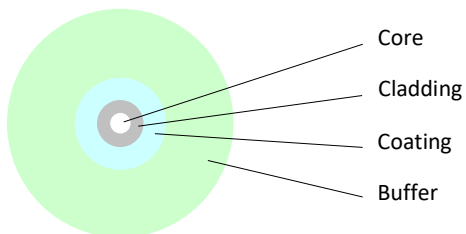
Fiber Count	Cable Dimension mm	Cable Weight kg/km	Tensile N		Crush N/100mm		Min. Bend Radius mm		Range of Temperature
			Long Term	Short Term	Long Term	Short Term	Dynamic	Static	
2	7.0	42.3	200	400	1100	2200	20D	10D	-30-+70

Note: 1. All the values in the table, which are for reference only, are subject to change without notice;

2. The cable dimension and weight are subject to the simplex cable of 2.0 outer diameter;

3. D is outer diameter of the round cable;

### 2. one single mode fiber



Item	Unit	Specification
Attenuation	dB/km	1310nm $\leq$ 0.4 1550nm $\leq$ 0.3
Dispersion	Ps/nm.km	1285~1330nm $\leq$ 3.5 1550nm $\leq$ 18.0
Zero dispersion wavelength	Nm	1300~1324
Zero dispersion slope	Ps/nm.km	$\leq$ 0.095
Fiber cutoff wavelength	Nm	$\leq$ 1260
Mode field diameter	Um	9.2 $\pm$ 0.5
Mode field concentricity	Um	$\leq$ 0.8
Cladding diameter	um	125 $\pm$ 1.0
Cladding non-circularity	%	$\leq$ 1.0

Coating/cladding concentricity error	Um	≤12.5
Coating diameter	um	245±10
bending, dependence attenuation	induced 1550nm, 1turns,32mm diameter 100rums,60mm diameter	≤0.5 db
Proof test	kpsi	≥100

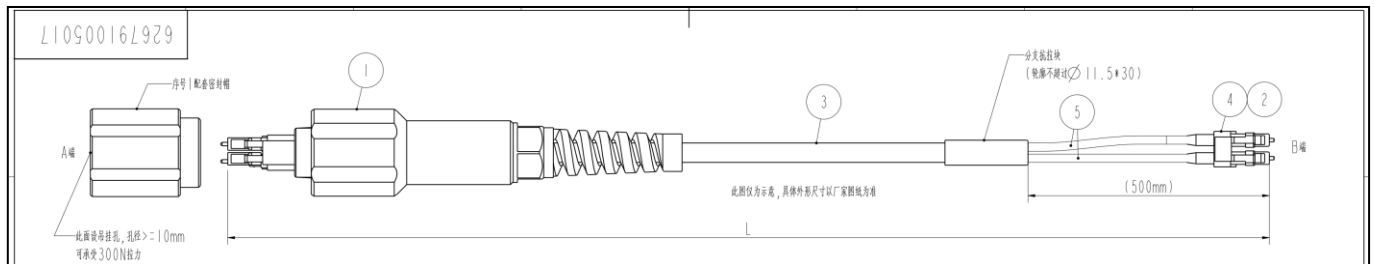
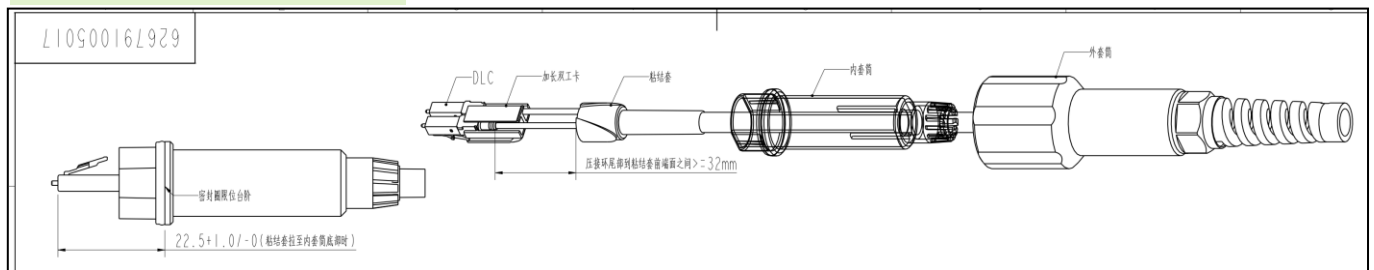
### 3. Connector Specification

ITEM	PARAMETER
Connector type	PDLC-LC/UPC
Insertion Loss	<=0.3db
Return Loss	>=50db
IP level	IP67
Operating wavelength	1310nm, 1550nm
Test wavelength	1310nm, 1550nm
Repeatability	<=0.1
Interchangeability	<=0.2dB
Durability	<=0.2dB
Fiber Length	1m, 2m..... any length optional.
Length and tolerance	10cm
Operating Temperature	-40C ~ +85C
Storage Temperature	-40C ~ +85C

### 4. Images of the products:



### 5. Reference drawings



\*\*\*The end\*\*\*