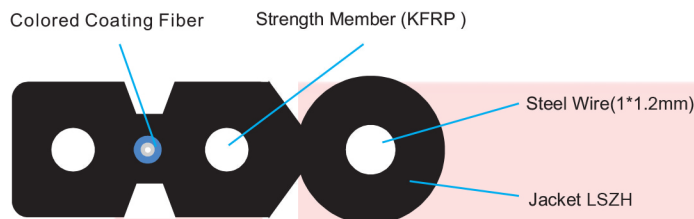


Single-core Self-supporting Covered Wire Cable



08



Characteristics of fiber

Fiber type	G.657A2 SMF	
Mode field diameter at 1310 nm	8.6 ± 0.4 μm	
Cladding diameter	125.0 ± 0.1 μm	
Core concentricity error	≤ 0.5 μm	
Cladding non-circularity	≤ 1.0 %	
Coating diameter	245 ± 5 μm	
Attenuation	@ 1310 nm	≤ 0.35 dB/km
	@ 1383 nm	≤ 0.32 dB/km
	@ 1550 nm	≤ 0.24 dB/km
Dispersion	@ 1285~1330 nm	≤ 3.4 ps/(nm·km)
	@ 1550 nm	≤ 17.5 ps/(nm·km)
Zero dispersion wavelength	1300nm~1324nm	
Zero dispersion slope	≤ 0.092 ps/(nm ² ·km)	
Cable cut-off wavelength	≤ 1260 nm	
Proof stress	≥ 0.69 Gpa	
Polarization mode dispersion	≤ 0.2 ps/√km	
Uncabled fibre macrobending loss	Radius (mm)	15
	Number of turns	10
	Max.at 1550nm(dB)	0.24
	Max.at 1625nm(dB)	1
Fiber color code		
Number	1	

GJYXFH-2BA2

H denotes to LSZH Sheath
 1B denotes to no. of fibers 1
 A2 denotes to Fiber Type G.657A2

1) Strengthening Messenger Wire

Amount 2 PCS
 Material Phosphated steel wire
 Diameter 0.45±0.10 mm

2) Strengthened Messenger Wire

Amount 1 PCS
 Material Galvanizing and film steel wire
 Diameter Φ1.20mm

3) Outer sheath

Material LSZH - Low smoke zero halogen
 Color Black
 Diameter 2.3 H × 5.3 W ± 0.2 mm
 Marking As per Customer Request

4) Sheath printing

FTTH;GJYXFCH;1CORE;G.657A2;
 0000M...0001M...1000M

(◆ Represents a space .Bigger meter number in outside end)

Tensile properties

No.	Item	Units	Index
1	Pulling Load (short time)	N	≤ 600
2	Pulling Load (long time)	N	≤ 300
3	Crush load (short time)	N/100mm	≤ 2200
4	Crush load (long time)	N/100mm	≤ 1000
5	Bend radius (static)	mm	≥ 15
6	Bend radius (Dynamic)	mm	≥ 30

Environmental conditions

No.	Item	Units	Index
1	Storage temperature range	°C	-20 to +70
2	Install the temperature range	°C	-0 to +60
3	Operating temperature range	°C	-20 to +70

Referred standard

ITU/T G.657A
 IEC 60332-1
 IEC 61034-2
 ISO/IEC 11801 Generic cabling for customer premises
 IEC 60754-1 and 2
 YD/T 1997-2009

Office Address

PT. INFOTEL MANDIRI

Jl. Kaji No. 33 H - I, Petojo Utara
 Gambir - Jakarta Pusat
 Telp. +62 21 631 1661
 Email. info@infotel.co.id
 www.infotel.co.id

Workshop Address

PT. INFOTEL MANDIRI

Jl. Cibenter 14, Cukanggalih
 Curug - Kab. Tangerang

