

## CABLE SPECIFICATION

No.

SN18071004

### OPTICAL FIBER CABLES

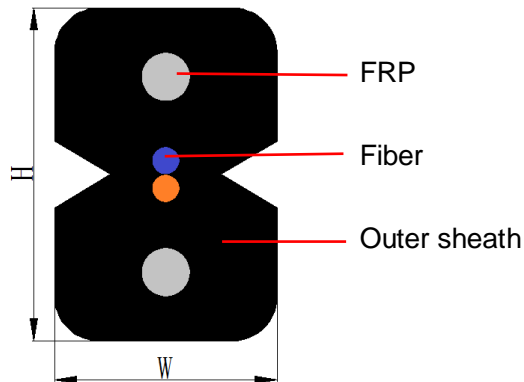
- ◆ Optical fibers are protected by UV resistant LSZH.
- ◆ The cable is strengthened by FRP.
- ◆ Most suitable for last mile connectivity.

### APPLICATION

- ◆ Indoor cabling

### FEATURES

- ◆ Cable could be terminated onsite
- ◆ Low-bend-sensitivity fiber provides excellent bending property
- ◆ Easy for stripping, fixation and splicing, simplified installation and maintenance



### STRUCTURE

ITEM		PERFORMANCE
Fiber	Cores	1-4(1.Blue 2.Orange 3.Green 4.Brown)
	Type	ITU-T G.657A2
Materials	Strength member	FRP
	Outer sheath	LSZH (Low Smoke Zero Halogen)
Dimension	H	3.0 ± 0.1 mm
	W	2.0 ± 0.1 mm
Cable weight		Approx. 8 kg/km

### TECHNICAL SPECIFICATIONS

ITEM	PERFORMANCE
Attenuation	≤0.4 dB/km @1310 nm ≤0.3 dB/km @1550 nm
Tensile strength (IEC 60794-1-21 E1)	Short-term: 80N, additional attenuation after test ≤ 0.05dB; Long-term: 40N, additional attenuation ≤ 0.05dB.
Crush resistance (IEC 60794-1-21 E3)	Crush on the flat surface. Short-term: 1000 N/100mm. Attenuation change after test ≤ 0.05dB; Long-term: 500 N/100mm. Attenuation change ≤ 0.05dB.
Minimum bending radius	In the direction of the flat surface. Operating: 20mm; Installation: 40mm.
Environmental performance	RoHS

Operating	Transportation & Storage	Installation
-30~+70°C	-30~+70°C	-10~+60°C