FTTH Single Mode Cable

APPLICATION

BENKA FTTH single mode cable 01-04 cores, LSZH jacket meet ANSI/TIA-568-C.3 standard requirements for optical fiber cable performance.

Cable jacket is made of engineered, flame retardant polyurethane material. Fiber inside the cable is well protected from mechanical damages caused during installation.

Indoor and outdoor application.

BENKA FTTH SINGLE MODE CABLE

Construction	
Fiber count	01-04 cores
Fiber type	Single mode
Cable type	Indoor/outdoor FTTH
Strength member	Fiber reinforced plastics (FRP) or phosphate steel wire
Outer sheath	Low smoke zero halogen (LSZH) compound
Sheath color	Black
Coating color	Blue (Core 1), Orange (Core 2), Green (Core 3), Brown (Core 4)
Smoke density	IEC 61034-2
Halogen free	IEC 60754-1
Rated temperature	-20°C to +70°C
Flame retardant	IEC 60332-3
Standard & Approval	IEC, ITU, EIA, RoHS, SIRIM

Fiber Transmission Performance	
Cable optical fiber	G.657.A1
Wave length (nm)	1310/1550
Max attenuation (dB/km)	0.4/0.3

Technical Data							
Cable dimension (mm)		Tensile strength (N)		Crush resistance (N/100mm)		Minimum bending radius (mm)	
Height	Width	Short term	Long term	Short term	Long term	Dynamic	Static
3.0	2.0	100	60	1000	500	60	30

Description	Part No.
Fiber Optic FTTH 1F SM OS2 cable	868OS2-1
Fiber Optic FTTH 2F SM OS2 cable	868OS2-2
Fiber Optic FTTH 4F SM OS2 cable	868OS2-4

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