

FTTH Drop Wire Cable, LSZH Jacket.

DESCRIPTIONS / APPLICATIONS

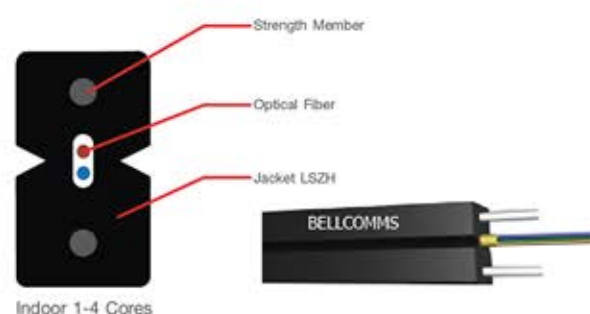
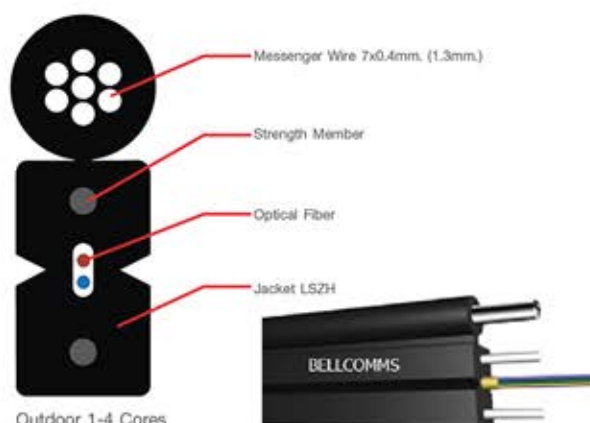
- BELLCOMMS FITH fiber optic cable is designed for use FITH systems
- Small diameter, light, can be used in many situations
- Simple structure, anti press, anti pull anti aging.
- Small bending fatigue lifetime is several hundred times longer than all standard single mode fiber
- The cable complete with black LSZH outer jacket.
- Designed for duct and aerial installation
- Support IEEE802.3 (LAN, Ethernet, Fast Ethernet Gigabit Ethernet and 10G Ethernet) ATM, FDDI Fiber Channel, CATV, CCTV, FITX or other

STANDARDS

- ISO/IEC 11801 : 2002
- ANSI/TIA/EIA-568-B.3, ANSI/TIA-568-C.3
- Telcordia (Bellcore) GR-20-CORE, GR-409-CORE
- ANSI/ICEA 696, ANSI/ICEA 596
- ITU-T G.651 (Multimode)
- ITU-T G.652D (Single mode), G.657A2
- IEC 60332-3, IEC 60332-1
- IEC 61034-2, IEC 60754-2
- IEC 60793, IEC 60794-1-2, EIA-455
- EN 50173-1
- RoHS Compliant

FEATURES

- Optical Fiber can be ITU-T G.657A2 and fully compatible ITU-T G.652
- Simple structure, Light weight and practical.
- Two FRP strength member protects the fibers with tensile strength, and the strength member can be made as stranded steel wires.
- Can be with stranded messenger wire 7 x 0.4 mm. 1.2 mm.) having higher tensile strength.
- Easier to be stripped, connected, simple installation and maintenance
- Safe and environment friendly with LSZH and Flame retardant jacket



OPTICAL PERFORMANCES

Optical Transmission Performance	Singlemode 1310/1383/1550/1625	Multimode 850 / 1300nm			
	9 / 125 μm (OS2)	62.5 / 125 μm (OM1)	50 / 125 μm (OM2)	50 / 125 μm (OM3)	50 / 125 μm (OM4)
Max.Attenuation(dB/km)	0.36 / 0.36 / 0.25 / 0.35	3.0 / 0.8	2.7 / 0.8	2.7 / 0.8	2.7 / 0.8
Typ.Attenuation(dB/km)	0.34 / 0.32 / 0.21 / 0.24	2.7 / 0.6	2.5 / 0.7	2.3 / 0.6	2.3 / 0.6
Bandwidth (MHz/km)	N / A	200 / 600	500 / 500	1500 / 500	3500 / 500
850nm Laser bandwidth (Mhz/km)	N / A	N / A	N / A	2000	4700
Numerical Aperture	0.13 ± 0.01	0.275 ± 0.015	0.200 ± 0.015	0.200 ± 0.015	0.200 ± 0.015

MECHANICAL PROPERTIES

	Outdoor 1 – 4 Core	Indoor 1 – 4 Core	
Max.Tensile Load, Installation / Operation	600 / 300	300 / 150	N
Max. Spen Length	50	50	m
Max. Crush Resistance	1,200	1,200	N / 10 cm
Cable Diameter, approx	2.0 x 5.2 ± 2.0	2.0 x 3.0 ± 2.0	mm
Overall Diameter, approx	6.5 ± 1.0	6 ± 1.0	mm
Cable Weight, approx	18 ± 10	8 ± 10	kg / km
Min. Bending Radius, Installation / Operation	15 / 30	15 / 30	mm
Installation / Operation Temperature	-25°C to + 70°C	-25°C to + 70°C	
Storage / Shipping Temperature	-35°C to + 75°C	-35°C to + 75°C	

PART NUMBER

Description	2 Core Indoor	2 Core Indoor	2 Core Outdoor	4 Core Outdoor
Single mode, 9 / 125 μm, OS2	*BC-UFH9302	BC-UFH9304	*FTTH-02SM9	*FTTH-04SM9
Multimode, 62.5 / 125 μm, OM1	BC-UFH6202	BC-UFH6204	FTTH-6202SM9	FTTH-6204SM9
Multimode, 50 / 125 μm, OM2	BC-UFH5002	BC-UFH5004	FTTH-5002SM9	FTTH-5004SM9
XG Multimode, 50 / 125 μm, OM3	BC-UFH5002XG	BC-UFH5004XG	FTTH-5002SM9XG	FTTH-5004SM9XG
Multimode, 50/125 μm, OM4	BC-UFH5002M4	BC-UFH5004M4	FTTH-5002SM9M4	FTTH-5004SM9M4

* Best Seller product.