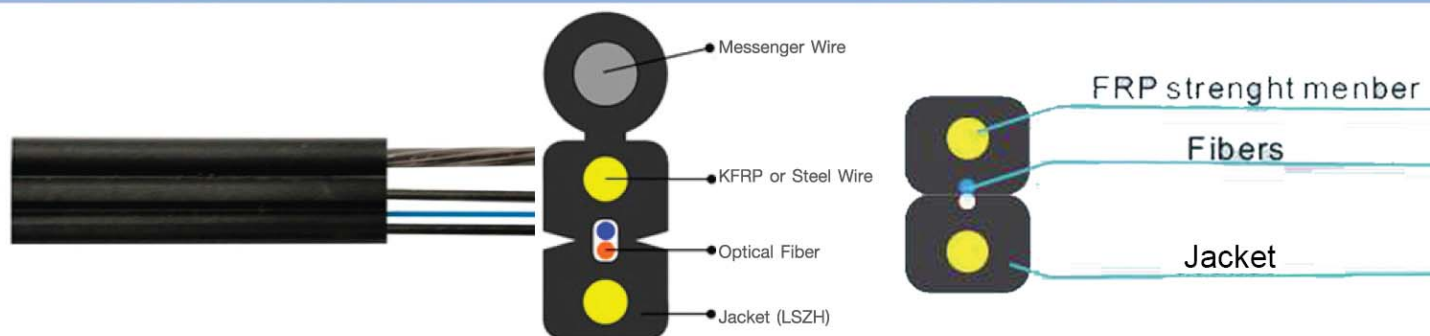


Fiber Optic Drop (Optic Drop Wire for FTTx) LSZH Jacket Cable



Fire Retardant



Water Resistant



Internal use



External use



OSI
9/125

OM1
62.5/125

OM2
50/125

OM3
50/125

BELLCOMMS OUTDOOR/INDOOR Cable Newest, Low Smoke Zero Halogens (LSZH) outer jacket for Fiber optic cable and it is designed for installed indoor or outdoor cable, easy to installation because more flexible, it designed for installation in conduit or inter-Building also you can install it on the electrical pole, it is easy to termination or fusion it and it very save time to do that, This cable suitable for customer needs to save cost for will installation fiber optic cable

Feature:

- High Performance MM and SM Fiber Optic cable design and test conforms to TIA/EIA-568, ISO11801, IEC 60793-2-10, ITU Recommendation G.651, G.652D, G.655, Fiber Optic Channel Links, ICEA-596, ICEA-640, ICEA-696, Bell Core GR-20, GR-409, ROHS IEC60332, Conform ITU-TG657, G657A1, G657A2/B2, G657B3
- Links between buildings in a campus environment
- Metro/Access networks, trunk systems and local area network
- Optical fiber cable size small and light in weight; convenience for constructions.
- Optical fiber cable flexible, small radius for bend, Used for subscriber access structure cabling.
- Optical fiber cable have high crush resistance and Tensile capacity. Can meet Span of 50 meters self-supporting aerial installation.
- Fiber sheath put to use LSZH material, fiber optic cable can use for indoor with flame retardant request.
- Self-supporting structure, Put to Use of high-carbon steel wire, Aramid-yarn Kevlar reinforced fiber (K-FRP) strengthening the material, has superior tensile quality
- outdoor / indoor environment protection

Mechanical Properties

Core of Fiber :	1-4
Cable diameter /mm :	1,2,4 Core/5.3x2.0
Steel Messenger Wire stand mm :	appx 1.3
Weight, Kg/Km. :	1core/21.5, 2core/21.7, 4core/22
Max. Tensile load, N :	Installation/long Term 700/350
Max. crush N/100mm :	1,000/600
Min Bending Radius, cm :	Installation/long Term 240/120
Jacket Material :	UV-Resistant, Flame-Retardant Black Polyethylene with LSZH Jacket for Outdoor/Indoor environment protection

Storage Temperature :	-40C to +70C
Operating Temperature :	-40C to +70C
Installation Temperature :	-40C to +70C

Applications :

- Special Design for used together with Outdoor and Indoor
- Construction for Indoor/Outdoor
- Multimode or Singlemode Fiber Optic
- Duct, Aerial
- IEEE 802.3 (LAN, Ethernet, Fast Ethernet, Gigabit Ethernet and 10 Gigabit Ethernet)
- ATM, FDDI, CATV, FTTX

Optical Characteristics

Fiber Type	Wavelength (nm)	Max. Attenuation (dB/km)	Min. Bandwidth (MHz.km)	Numerical Aperture (N.A)
SM	1310	0.35	N/A	0.120 ± 0.01
	1550	0.22	N/A	0.120 ± 0.01
50/125	850	2.5	500	0.200 ± 0.015
	1300	0.7	500	0.200 ± 0.015
50/125 (XG)	850	2.3	1500	0.200 ± 0.015
	1300	0.6	500	0.200 ± 0.015
62.5/125 (graded-index)	850	2.7	200	0.275 ± 0.015
	1300	0.6	600	0.275 ± 0.015

Ordering Information Part No.

SM 9/125um (G657A2)	MM 50/125um	MM 50/125um:XG	SM 9/125um (G657A2)	Core of Fiber	Descriptions
*FTTH-01SM9	*FTTH-MMD50U01C	*FTTH-MMDXG5001C	BC-UFH9301	1	1 Core Outdoor/Indoor FO Cable LSZH, Dielectric
*FTTH-02SM9	*FTTH-MMD50U02C	*FTTH-MMDXG5002C	BC-UFH9302	2	2 Core Outdoor/Indoor FO Cable LSZH, Dielectric
*FTTH-04SM9	*FTTH-MMD50U04C	*FTTH-MMDXG5004C	BC-UFH9304	4	4 Core Outdoor/Indoor FO Cable LSZH, Dielectric

* Drop Wire Cable