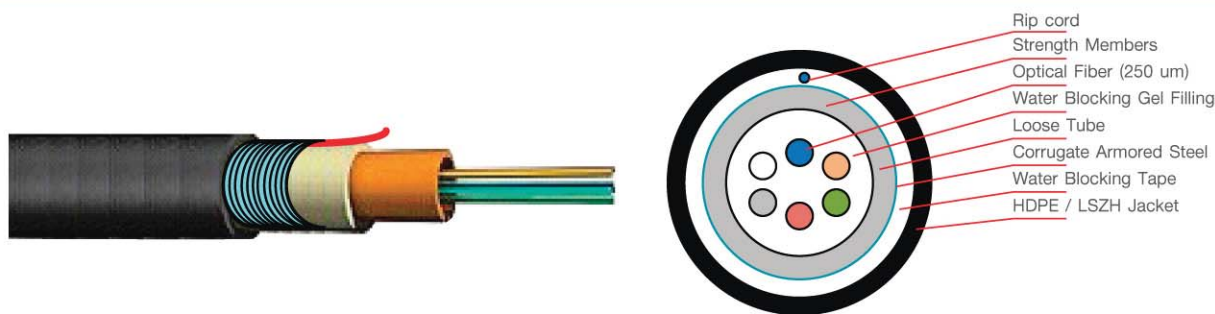


## Fiber Optic Outdoor / Indoor Armoured HDPE or LSZH Jacket Cable



Fire Retardant   Rodent Resistant   Water Resistant   Internal use   External use



**BELLCOMMS OUTDOOR Armored Cable** Best designed, High Density Polyethylene(HDPE) or Low Smoke Zero Halogens(LSZH) outer jacket for Fiber optic telecommunication cable and also the structure of cable designed for backbone inter-building which it suitable install in the duct, wire-way,aerial and direct buried, it suitable for installing indoor or outdoor building for campus backbone and riser backbone. Easy to installation is flexible and support high tensile for protected the is broken of fiber core,more saved cost with if customer installed it in building because it can installing without conduit which it desinging for protected the animal with armoured aluminium steel tape.

### Features

- 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
- Links between buildings in a campus environment
- Metro/Access networks, trunk systems and local area network
- Small diameter single tube construction saves space inside ducts
- Jelly filled buffer tube for water penetration protection
- E-glass yarns as strength member
- UV-Resistant,HDPE or LSZH Outer Jacket with Armoured and Water Blocking Tape for outdoor environment protection

### Mechanical Properties

Core of Fibe :	4-12
Cable diameter approximately :	10 mm.
Weight,Kg/Km. :	appx 125 mm.
Max. Tensile load,N :	Installatin/long Term 2,750/650
Min Bending Radius,cm :	Installation/long Term 15/10
Jacket Material :	UV-Proof, Black High Density Polyethylene (HDPE) with Low Smoke Zero Halogens(LSZH)
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
- Multimode or Singlemode Fiber Optic
- Duct, Aerial or Direct buried Install
- 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)
<b>SM</b>	1310	0.35	N/A	0.120 ± 0.01
	1550	0.22	N/A	0.120 ± 0.01
<b>50/125</b>	850	2.5	500	0.200 ± 0.015
	1300	0.7	500	0.200 ± 0.015
<b>50/125 (XG)</b>	850	2.3	1500	0.200 ± 0.015
	1300	0.6	500	0.200 ± 0.015
<b>62.5/125 (graded-index)</b>	850	2.7	200	0.275 ± 0.015
	1300	0.6	600	0.275 ± 0.015

### Ordering Information Part No.

SM 9/125um	MM 50/125um	MM 50/125um:XG	MM 62.5/125um	Core of Fiber	Descriptions
BELL-SMA09U04C	BELL-MMA50U04C	BELL-MMAXG5004C	BELL-MMA62U04C	4	4 Core Outdoor/Armored FO Cable HDPE
BELL-SMA09U06C	BELL-MMA50U06C	BELL-MMAXG5006C	BELL-MMA62U06C	6	6 Core Outdoor/Armored FO Cable HDPE
BELL-SMA09U08C	BELL-MMA50U08C	BELL-MMAXG5008C	BELL-MMA62U08C	8	8 Core Outdoor/Armored FO Cable HDPE
BELL-SMA09U12C	BELL-MMA50U12C	BELL-MMAXG5012C	BELL-MMA62U12C	12	12 Core Outdoor/Armored FO Cable HDPE