

OUTDOOR, CTV STRANDED DROP WIRE, NON-ARMORED AND ARMORED

DESCRIPTIONS / APPLICATIONS

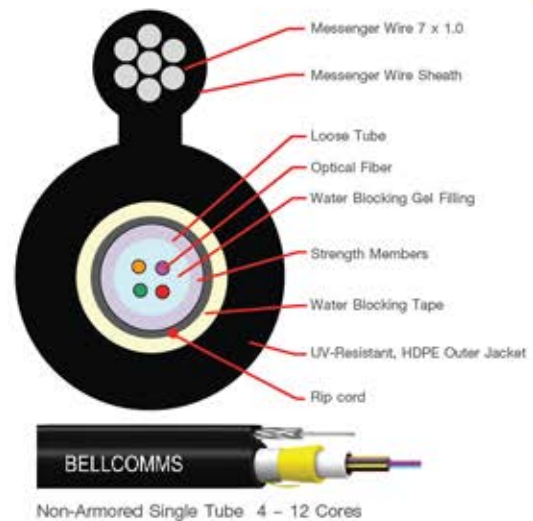
- BELLCOMMS Outdoor, CTV FIG.8, fiber optic cable special design used for campus backbone (inter-building), metro/access network and outdoor installation
- Small diameter and lightweight
- Designed for duct aerial installation with stranded messenger wire
- Support IEEE802.3 (LAN, Ethernet, Fast Ethernet, Gigabit Ethernet and 10G Ethernet) ATM, FDDI, Fiber Channel, CATV, CCTV, FTTX or other

STANDARDS

- ISO/IEC 11801: 2002
- ANSI/TIA/EIA-568-B.3, ANSI/TIA-568-C.3
- Telcordia (Bellcore) GR-20-CORE
- ANSI/CEA 640
- ITU-T G.651 (Multimode)
- ITU-T G.652D (Single mode)
- IEC 60793, IEC 60794-1-2, EIA - 445
- EN 50173-1
- RoHS Compliant

FEATURES

- High Performances multimode (OM1,OM2,OM3 and OM4) and single mode (OS2 or G.652D) Fiber Optic cable
- Fiber colors identification comply to TIA/EIA-598-C and EIA-359-A
- PBT Loose tube design provides high strength and low shrinkage with thixotropic jelly filled loose tube for water penetration protection
- E-glass yarns as strength member (for Non-Armored)
- Water blocking Tape for double protection and safety for outdoor environment
- Corrugated steel tape coat with polymer provides rodent protection (for Armored)
- Messenger wire provide by 7 x 1.0 mm. stranded galvanize steel wire for tensile strength
- UV-resistant, black HDPE outer jacket



Non-Armored Single Tube 4 - 12 Cores



Armored Single Tube 4 - 12 Cores

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

	Non-Armored 4 - 12 Core	Armored 4 - 12 Core	
Max.Tensile Load, Installation / Operation	6000 / 3000	6000 / 3000	N
Max. Spen Length	60	60	m
Max. Crush Resistance	2200	4400	N / 10 cm
Cable Diameter, approx	8.4 ± 0.2	8.6 ± 0.2	mm
Cable Weight, approx	15 ± 0.5	16 ± 0.5	mm
Overall Diameter, approx	110 ± 10	122 ± 10	kg / km
Min. Bending Radius, Installation / Operation	15x / 10x	20x / 10x	Cable Diameter
Installation / Operation Temperature	-40°C to +70°C	-40°C to +70°C	
Storage / Shipping Temperature	-40°C to +75°C	-40°C to +75°C	

PART NUMBER

Description	4 Core Non-armored	6 Core Non-armored	8 Core Non-armored	12 Core Non-armored
Single mode, 9 / 125 μm, OS2	BELL-SMAN09U04C	BELL-SMAN09U06C	BELL-SMAN09U08C	BELL-SMAN09U12C
Multimode, 62.5 / 125 μm, OM1	BELL-MMAN62U04C	BELL-MMAN62U06C	BELL-MMAN62U08C	BELL-MMAN62U12C
Multimode, 50 / 125 μm, OM2	BELL-MMAN50U04C	BELL-MMAN50U06C	BELL-MMAN50U08C	BELL-MMAN50U12C
XG Multimode, 50 / 125 μm, OM3	BELL-MMAN50XGU04C	BELL-MMAN50XGU06C	BELL-MMAN50XGU08C	BELL-MMAN50XGU12C
Multimode, 50/125 μm, OM4	BELL-MMAN50M4U04C	BELL-MMAN50M4U06C	BELL-MMAN50M4U08C	BELL-MMAN50M4U12C
	Armored	Armored	Armored	Armored
Single mode, 9 / 125 μm, OS2	BELL-SMAA09U04C	BELL-SMAA09U06C	BELL-SMAA09U08C	*BELL-SMAA09U12C
Multimode, 62.5 / 125 μm, OM1	BELL-MMAA62U04C	BELL-MMAA62U06C	BELL-MMAA62U08C	BELL-MMAA62U12C
Multimode, 50 / 125 μm, OM2	BELL-MMAA50U04C	BELL-MMAA50U06C	BELL-MMAA50U08C	BELL-MMAA50U12C
XG Multimode, 50 / 125 μm, OM3	BELL-MMAAXG50U04C	BELL-MMAAXG50U06C	BELL-MMAAXG50U08C	BELL-MMAAXG50U12C
Multimode, 50/125 μm, OM4	BELL-MMAAM450U04C	BELL-MMAAM450U06C	BELL-MMAAM450U08C	BELL-MMAAM450U12C

* Best Seller product.