

OUTDOOR, CTV STRANDED DROP WIRE, ARMORED

DESCRIPTIONS / APPLICATIONS

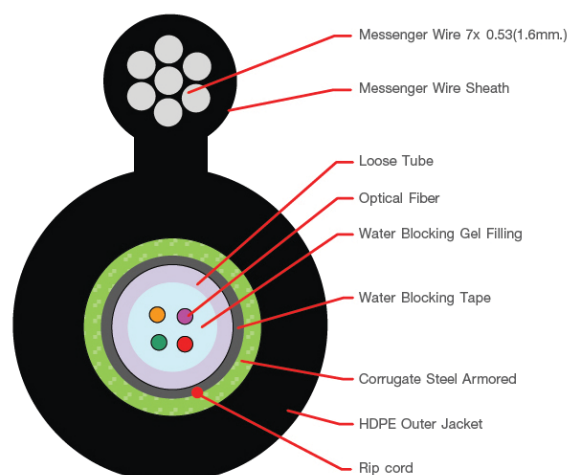
- BELLCOMMS Outdoor, CTV Stranded Drop Wire, fiber optic cable special design used for campus backbone (inter-building), building backbone (intra-building), metro / access network and outdoor installation
- Small diameter and lightweight
- Designed for aerial installation with stranded messenger wire
- 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, GR-409-CORE
- ANSI/ICEA 696, ANSI/ICEA 596
- ITU-T G.651 (Multimode)
- ITU-T G.652D (Single mode)
- IEC 60793, IEC 60794-1-2
- EN 50173-1
- RoHS Compliant

FEATURES

- High Performances (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
- Water blocking Tape for double protection and safety for outdoor environment
- Corrugated steel tape coat with polymer provides rodent protection
- Messenger wire provide by 7 × 0.53 mm. (1.6 mm.) stranded galvanize steel wire for tensile strength
- UV-resistant, Black HDPE outer jacket



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

	Single Tube 4 – 12 Core	
Max. Tensile Load, Installation / Operation	1500 / 800	N
Max. Spun Length	50	m
Max. Crush Resistance	4400	N / 10 cm
Cable Diameter, approx	8.2 ± 0.2	mm
Cable Weight, approx	13.8 ± 0.5	mm
Overall Diameter, approx.	90 ± 10	kg / km
Min. Bending Radius, Installation / Operation	20x / 10x	Cable Diameter
Installation / Operation Temperature	-40°C to +70°C	
Storage / Shipping Temperature	-40°C to +75°C	

PART NUMBER

Description	4 Core Outdoor	6 Core Outdoor	8 Core Outdoor	12 Core Outdoor
Single mode, 9 / 125 μm, OS2	BC-DSA9504	*BC-DSA9506	BC-DSA9508	*BC-DSA9512
Multimode, 62.5 / 125 μm, OM1	BC-DSA6504	BC-DSA6506	BC-DSA6508	BC-DSA6512
Multimode, 50 / 125 μm, OM2	BC-DSA5504	*BC-DSA5506	BC-DSA5508	*BC-DSA5512
XG Multimode, 50 / 125 μm, OM3	BC-DSA5504XG	BC-DSA5506XG	BC-DSA5508XG	BC-DSA5512XG
Multimode, 50/125 μm, OM4	BC-DSA5504M4	BC-DSA5506M4	BC-DSA5508M4	BC-DSA5512M4

* Best Seller product.