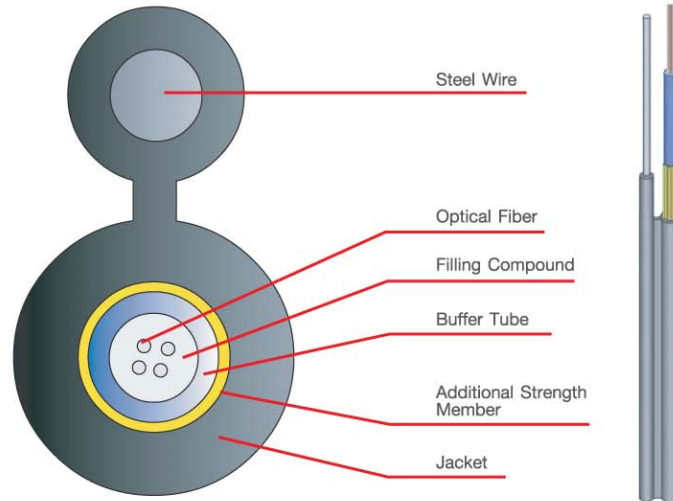


## Fiber Optic Drop Wire Cable



### Design / Overview

The construction of the drop cable is shown below. The upper half contains a single steel wire (messenger wire). The lower half contains the central buffer tube with water swellable strength member yarns runs longitudinally along the buffer tube. Two portions are jacketed with polyethylene sheath and connected via an integral web.

### Features & Advantages or Optional refer as below

- Full range of fiber type for the performance you need. (Ask for details)
- Fiber count available up to 216 for full communications capacity.
- Small minimum bend radius of 15 x cable outer diameter during installation and 10 x cable outer diameter post-installation, excellent for confined space installations.
- Full range of cable construction to provide the strength and protections needed for duct, buried, aerial, outdoor/indoor and indoor application
- Dry Core technology for a more craft-friendly, jelly-free cable core - permit quicker cable preparation and splicing.
- ROL buffer tube stranding technique permits quick and easy mid-span fiber access
- 5 Position structure, Smaller, Lighter and more economical
- Ripcords for fast sheath removal
- Abrasion-resistant outer PE jacket with UV-resistant for reliable service in direct sunlight.
- Nylon Jacket for Rodent Resistance
- Special Tracking Resistance Sheath available for ADSS cable where electric field space potentials up to 25 kV
- Low-smoke, Zero Halogen and Flame Retardant Sheath for indoor, outdoor/indoor installations
- Plastic coated Aluminum Tape on both sides encases cable core and provides additional moisture barrier
- Electrolytic chrome-coated steel (ECCS) armor or stainless steel armor for enhanced rodent protection and crush resistance.
- Color stripes run longitudinally along the outer sheath is available upon request.

### 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

### Fully qualified in accordance with ;

- Electronic Industries Association (EIA)
- Telecommunications Industry Association (TIA)
- International Telecommunications Union (ITU)
- International Electrotechnical Commission (IEC)
- Telecordia Technologies (GR-20-CORE)
- American Society for Testing and Materials (ASTM)
- ISO 9001&14001 certified manufacturer.

### Feature :

- Access Network
- Distribution
- Drop Cable
- Color Scheme for Fiber and Loose tube Identification (TIA/EIA-598-A)

### Applications :

Fiber Optic cable intended for all high speed data applications, including :

- IEEE 802.3 10Mbps
- IEEE 802.3 10Base-F 10Mbps
- IEEE 802.3 1000Base-SX/LX 1000Mbps
- FDDI 100Mbps
- ATM 155,622Mbps,1.2/2.4Gbps
- Fibre Channel FC-PH 1.062Gbps

### Standard

International : ISO/IEC 11801  
European : EN 50173  
North American : ANSI/TIA/EIA-568-B3  
Telcordia GR-20  
ANSI/ICEA S-87-640UL

CATALOGUE NO.	DESCRIPTION
BELL09-04SM9	4 Fiber Single Mode
BELL09-06SM9	6 Fiber Single Mode
BELL09-12SM9	12 Fiber Single Mode
BELL09-04MM5	4 Fiber 50/125µm Multi Mode
BELL09-06MM5	6 Fiber 50/125µm Multi Mode
BELL09-12MM5	12 Fiber 50/125µm Multi Mode
BELL09-04MM6	4 Fiber 62.5/125µm Multi Mode
BELL09-06MM6	6 Fiber 62.5/125µm Multi Mode
BELL09-12MM6	12 Fiber 62.5/125µm Multi Mode