BELLCOMMS
The power of networks

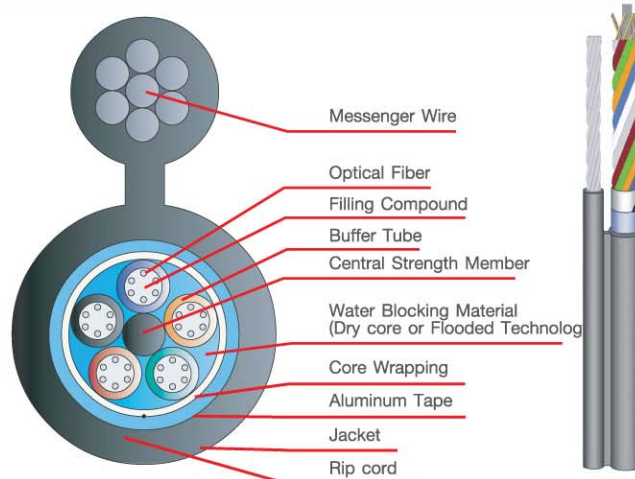## Fiber Optic Single Jacket, Self-Supporting, Laminated Aluminum, Aerial Loose Tube (Figure-8, Self-supporting sheath) Cable

Messenger Wire

Optical Fiber
Filling Compound
Buffer Tube
Central Strength Member
Water Blocking Material (Dry core or Flooded Technolog)
Core Wrapping
Aluminum Tape
Jacket
Rip cord

Rodent Resistant | Water Resistant | Internal use | External use | **OSI 9/125** | **OM1 62.5/125** | **OM2 50/125** | **OM3 50/125**

Design / Overview

The LAP/figure-8 Self-supporting sheath has the same constructions as the LAP cable described above except that there is the addition of A strand 7/1.32 or 7/1.57 or 7/2.03 mm, extra high strength galvanized steel is used as the tensile bearing element instead of additional strength member. A black High-Density Polyethylene (HDPE) sheath connects the cable core to the steel messenger wire via an integral web.

Features & Advantages or Optional refer as beow

- 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 rang 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 ting 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.

Fully qualified in accordance with ;

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

Feature

- Self-supporting design excellent for rapid one-step installation in aerial network
- Ideal for environments in which an additional moisture barrier is desire

Applications :

Fiber Optic cable intended for all hight 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-87-640

CATALOGUE NO.	DESCRIPTION
BELL04-04SM9	4 Fiber Single Mode
BELL04-06SM9	6 Fiber Single Mode
BELL04-12SM9	12 Fiber Single Mode
BELL04-24SM9	24 Fiber Single Mode
BELL04-48SM9	48 Fiber Single Mode
BELL04-04MM5	4 Fiber 50/125µm Multi Mode
BELL04-06MM5	6 Fiber 50/125µm Multi Mode
BELL04-12MM5	12 Fiber 50/125µm Multi Mode
BELL04-24MM5	24 Fiber 50/125µm Multi Mode
BELL04-48MM5	48 Fiber 50/125µm Multi Mode
BELL04-04MM6	4 Fiber 62.5/125µm Multi Mode
BELL04-06MM6	6 Fiber 62.5/125µm Multi Mode
BELL04-12MM6	12 Fiber 62.5/125µm Multi Mode
BELL04-24MM6	24 Fiber 62.5/125µm Multi Mode
BELL04-48MM6	48 Fiber 62.5/125µm Multi Mode