

Features

- This design offers a reliable transmission performance over a broad temperature range.
- Multiple fiber types, including hybrid.
- High Fiber density.
- Improved compressive strength
- Rodent Proof
- Flame Retardant (Optional)
- Multiple Network applications.

Applications

- Underground duct and lashed
- Trunk distribution and feeder cable
- Metro, Long Haul and broadband network

Product Options

- Available with all kinds of Single Mode and Multimode fibers.
- Length option of 2.0, 4.0 km.

Construction Details

Glass Yarn armoured cables are dielectric and suitable for duct and aerial application. The rugged loose tube design features optical fibers placed inside gel- filled buffer tubes. The core is constructed by stranding the buffer tube around a central strength member. The core is wrapped with flexible strength member and water blocking elements and then encased with a black outer sheath.

Specifications

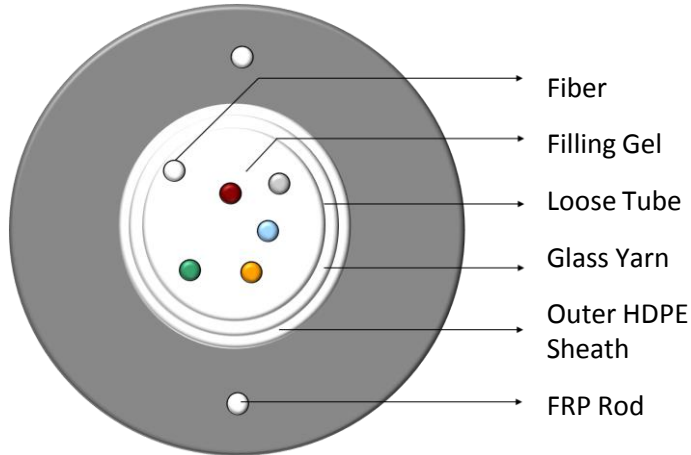
Cable Configuration					
Fiber Count	Number of Fibers per tube	Number of tubes	Diameter (mm)	Cable Weight (kg/km)	Tensile Strength (N)
2-12F	2	1-6	10.0	80	2000
24F	4	6	10.0	80	2000
48F	8	6	10.5	85	2000
96F	12	8	11.5	120	3000
144F	12	12	14.5	180	3000

Environmental Specifications (Temperature)

Operation and Storage: -40°C to +70°C
 Installation: -30°C to +75°C

Standards Compliant

- ITU-T
- IEC 60793 & 60794
- EN187000
- Telecordia GR-20
- EIA/TIA
- RUS1755.900



Construction Details

The core constitutes of a central tube with up to 24 fibers placed inside along with filling gel. The tube is wrapped with flexible strength member and water blocking elements and then encased with a black outer sheath.

Features

- This design offers a reliable transmission performance over a broad temperature range.
- Easy handling
- Flexible
- Peripheral Strength Members available in metallic or dielectric nature.
- Flame Retardant (Optional)
- Multiple Network applications.

Applications

- Underground duct, Lashed aerial
- Trunk distribution and feeder cable
- Metro, Long Haul and broadband network

Product Options

- Available with all kinds of Single Mode and Multimode fibers.
- Length option of 2.0, 4.0 km.

Specifications

Cable Configuration			
Fiber Count	Diameter (mm)	Cable Weight (kg/km)	Tensile Strength (N)
2-12F	8.0	50	1000
24F	9.0	65	1000

Environmental Specifications (Temperature)

Operation and Storage: -40°C to +70°C
 Installation: -30°C to +75°C

Standards Compliant

- ITU-T
- IEC 60793 & 60794
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