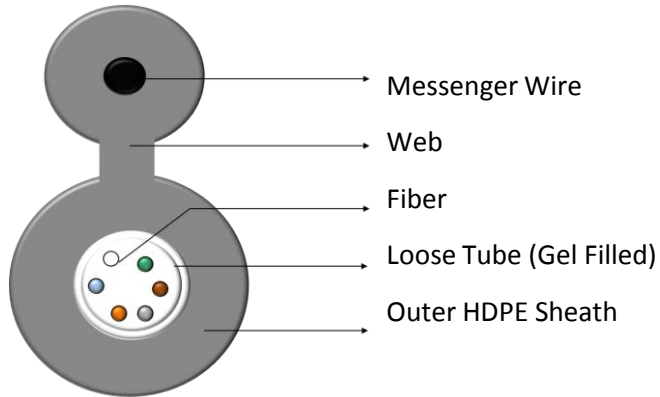


Aerial - Figure of 8 Unitube Figure 8



Features

- This design offers a reliable transmission performance over a broad temperature range.
- Easy handling
- Conforms to standard pole attachment hardware
- Flame Retardant (Optional)
- Multiple Network applications.

Applications

- Aerial Self Support medium span installations
- 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, 3.0, 4.0 km.

Construction Details

The core constitutes of a central tube with up to 24 fibers placed inside along with filling gel. The core is wrapped with flexible strength members, a water-blocking tape and then encased with a black sheath and an integrated steel messenger. A rip cord is included under the sheath for ease of entry.

Specifications

Cable Configuration				
Fiber Count	Number of Fibers per tube	Dimension (mm)	Cable Weight (kg/km)	Tensile Strength (N)
2-12F	12	6.0 x 12.0	85	800
24F	24	6.5 x 12.5	95	800

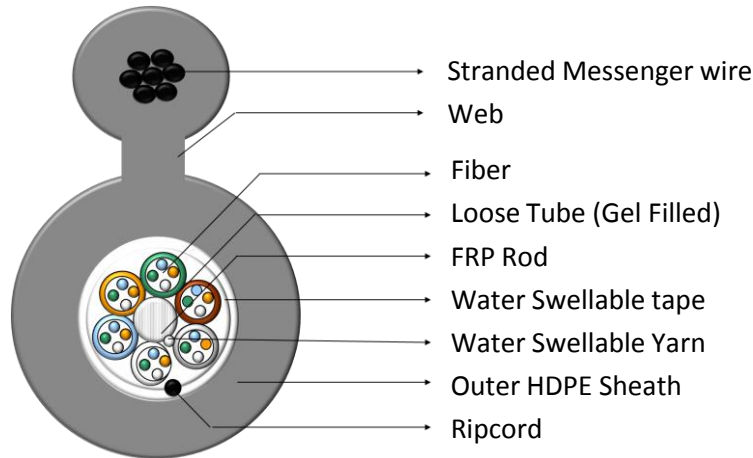
Environmental Specifications (Temperature)

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

Aerial - Figure of 8 **Multitube Figure 8**



Features

- This design offers a reliable transmission performance over a broad temperature range.
- This design offers an alternative for aerial cable installations in stringent environmental conditions
- Easy handling
- Conforms to standard pole attachment hardware
- Flame Retardant (Optional)
- Wet Core (Optional)
- Multiple Network applications.

Applications

- Aerial Self Support installations
- 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 2.0,3.0, 4.0 km.

Construction Details

The optical fibers are placed inside gel-filled buffer tubes. The core is constructed by stranding the buffer tubes around a central member. The core is wrapped with flexible strength members, a water-blocking tape and then encased with a black sheath and an integrated steel messenger. A rip cord is included under the sheath for ease of entry.

Specifications

Cable Configuration					
Fiber Count	Number of Fibers per tube	Number of tubes	Dimension (mm)	Cable Weight (kg/km)	Tensile Strength (N)
2-12F	2	1-6	10 x 17	130	5000
24F	4	6	10 x 17	130	5000
48F	8	6	10 x 17	135	5000
96F	12	8	12 x 18.5	175	6000
144F	12	12	15.5 x 22	230	6000

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