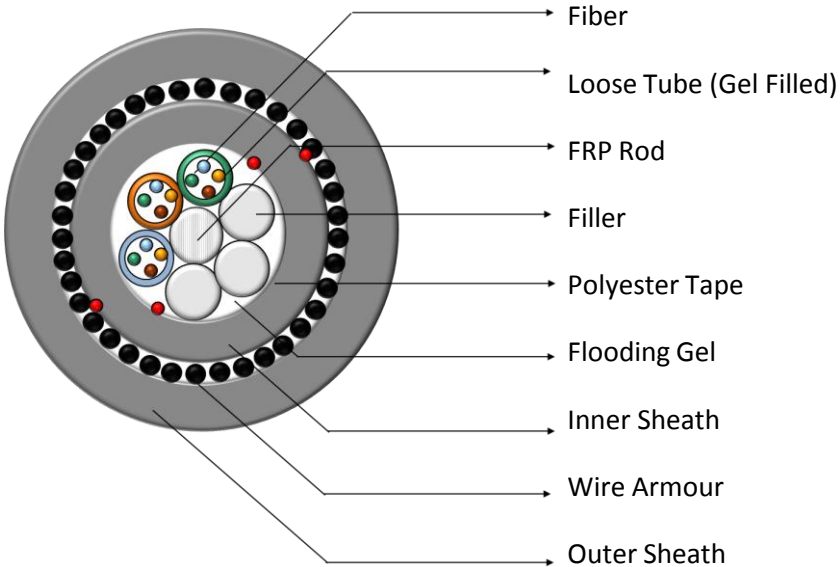


Armoured Steel Wired Cable **Multitube Design**



Features

- Available with up to 144 fibers
- Multiple Fiber types available
- Galvanized Steel Wire Armouring

Applications

- Suitable for indoor duct, tray or buried installations such as tunnels.
- Excellent mechanical features.
- High anti-rodent protection.

Product Options

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

Construction Details

These cables have strain free fiber due to S-Z stranding. The core is constructed by stranding the buffer tubes around a central strength member. Longitudinal water protection is enabled by water blocking compounds in tube and core. Then encased in a black inner sheath. Galvanized steel wire armour and a black outer sheath complete the cable construction. Ripcords are included under the inner sheath and each armour for ease of entry. Steel wire armouring provides very high tensile strength to the cable.

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	13.5	340	4000
32F	8	6	14.5	385	4000
48F	8	6	14.5	385	4000
72F	12	8	14.5	385	4000
96F	12	12	15.5	440	4000

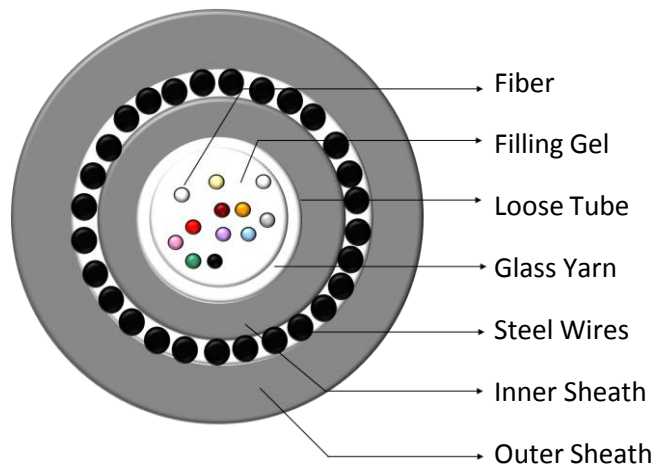
Environmental Specifications (Temperature)

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

Standards Compliant

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

Armoured Steel Wired Cable Unitube Design



Construction Details

The core constitutes of a central tube with fibers along with filling gel. The core is wrapped with flexible strength members covered with a water-blocking tape, then encased in a black inner sheath. Galvanized steel wire armour and a black outer sheath complete the cable construction. Ripcords are included under the inner sheath and each armour for ease of entry.

Specifications

Cable Configuration					
Fiber Count	Number of Fibers per tube	Number of tubes	Diameter (mm)	Cable Weight (kg/km)	Tensile Strength (N)
4F	4	1	10.0	165	3000
8F	8	1	10.0	165	3000
12F	12	1	10.0	165	3000
16F	16	1	10.0	165	3000
24F	24	1	10.5	180	3000

Product Options

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

Environmental Specifications (Temperature)

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

Standards Compliant

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