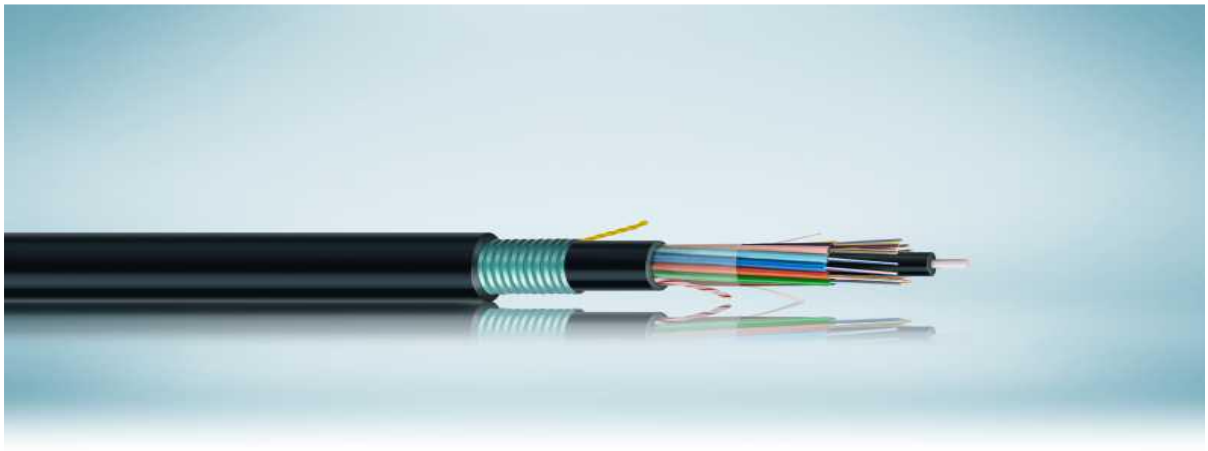
MULTI-TUBE DOUBLE SHEATH ARMOURED CABLE (2F-144F)

Construction Details



Optical fibers along with the water blocking elements are placed inside the buffer tubes. The core is constructed by stranding the buffer tubes around a central strength member. The core is then encased with an extruded sheath of HDPE/LSZH which forms the inner sheath. A corrugated steel tape is applied over the inner and another sheath (HDPE/LSZH) over the armouring completes the construction. Ripcords are provided under the inner sheath and armor for ease of access to the core.

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**	**01 --6**	**13.5**	**170**	**3000**
24F	**4**	**6**	**13.5**	**170**	**3000**
48F	**8**	**6**	**14.5**	**185**	**4000**
96F	**12**	**8**	**16.0**	**285**	**4000**
144F	**12**	**12**	**18.5**	**320**	**4000**

Technical Details

Environmental Specifications (Temperature)

Operation and Storage: -40 C°C to +75°C

Installation: -30 C°C to +70°C

Standards

IEC 60793 & 60794

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

Direct Buried, underground duct

Trunk distribution and feeder cable

Metro, Long Haul and broadband network

Product Types

Available with all kinds of Single Mode and Multimode fibers.

Length option of 2.0, 4.0 km.