MULTI-TUBE FIGURE-8 AERIAL CABLE (2F-144F)

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	Diameter (mm)	Cable Weight (kg/km)	Tensile Strength (N)
2-12F	2	1 -6	10x17	130	5000
24F	4	6	10x17	130	5000
48F	8	6	10x17	135	5000
96F	12	8	12x18.5	175	6000
144F	12	12	15.5x22	230	6000

Technical Details

Environmental Specifications (Temperature)

Operation and Storage: -30 C°C to +75°

Installation: -25 C°C to +70°

Standards

IEC 60793 & 60794

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 Types

Available with all kinds of Single Mode and Multimode fibers.

Length option of 2.0, 3.0, 4.0 km.