

MULTI-TUBE DOUBLE SHEATH UN ARMoured CABLE (2F-144F)

Construction Details

Duct Cable is designed to be pulled into ducts in service ducts of an optical cable communication network. Its non-metallic characteristic enables it to be installed in an environment where there is electrical interference, for example alongside power lines. The cable design is available in unitube (up to 24 loose fibers), multitube (up to 144 fibers) fiber ribbon cable (48 to 576 fibers). The design is lightweight and flexible and able to withstand normal installation forces of strain, crush, bend and twist. Aramid or glass yarn can be added for extra axial pulling strength and glass yarn or polyamide can be used as protection against rodents.

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	11.5	110	2000
24F	4	6	11.5	110	2000
48F	8	6	11.5	145	2000
96F	12	8	13.0	160	3000
144F	12	12	16.5	200	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

Nylon/LSZH/FRPE as outer Jacketing Available.

Customized designs are available on request.

Fiber options: SM (G652B/D, G655 & G657), MM (OM1, OM2 & OM3)

Dry core construction (non jelly) is optional.

Rip Cord is optional.

Composite of various types of fibers (SM & MM).

Metallic central strength member option available.

Higher fiber count cable designs are available on request

Applications

Underground duct and lashed

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.