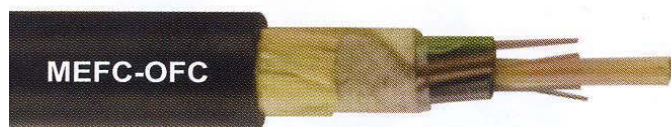


DUCT NON METALLIC O.F. CABLE



CABLE CONSTRUCTION

Loose Tubes filled with Gel - Stranded around Central Strength Member - Interstices filled with Gel - Core Wrap - Peripheral Strength Members - Polyethylene Outer Jacket

DESCRIPTION

The construction of the non-metallic cables begins with our proven loose tube design. The loose tube provides protection against environmental and mechanical forces. This smaller diameter cable is light weight and suitable enough for duct and conduit use

APPLICATIONS

Inter Office Trunking, Data, Video Transmission, Control /Alarm System - Light Weight and Flexible - Laying in Ducts and Concrete

FEATURES AND BENEFITS

- ❖ Suitable for conduits and pipelines for long haul applications
- ❖ Supports all grades of single mode and multimode fibers
- ❖ It can be laid in vicinity of power cables
- ❖ No additional grounding is required, at vicinity of power lines and lighting risks
- ❖ Telemetry and SCADA links for oil & gas, electricity.

STANDARDS

Reference Standards: Industry Standard

Fiber Specifications : Refer Page nos : 44-45

FIBER / TUBE COLOURS: AS PER IEC 60304
Aqua

Testing Procedures : IEC-60794-1 (or) EIA/TIA-455

PERFORMANCE CHARACTERISTICS

Storage Temperature : -40 C to +70 C

Operating Temperature : -40 C to +70 C

Blue, Orange, Green, Brown, Gray, White, Red, Black, Yellow, Violet, Pink,

Max Pulling Tension : 2700 Newton

CABLE CODE				Fiber	Fiber per	No. of	OUTER	Min. Bending		Net Weight
MM 50/125NM (G.651)	MM 50/125NM (G.651)	SM DISP. unshifted (G.652)	SMNZDS (G.655)	count	Loose tube	Loose tubes	(MM)	NO LOAD	UNDER LOAD	(Kg/km)
ADUN6004	ADUN5004	ADUN1004	ADUN4004	4	4	1	10.4	104	208	96
ADUN6008	ADUN5008	ADUN1008	ADUN4008	8	4	2	10.4	104	208	97
ADUN6012	ADUN5012	ADUN1012	ADUN4012	12	4	3	10.4	104	208	98
ADUN6024	ADUN5024	ADUN1024	ADUN4024	24	4	6	10.4	104	208	100
ADUN6036	ADUN5036	ADUN1036	ADUN4036	36	6	6	11.6	116	232	113
ADUN6048	ADUN5048	ADUN1048	ADUN4048	48	8	6	12.8	128	256	145
ADUN6096	ADUN5096	ADUN1096	ADUN4096	96	12	8	14.8	148	296	212
ADUN6144	ADUN5144	ADUN1144	ADUN4144	144	24	6	18.5	277	370	269
ADUN6192	ADUN5192	ADUN1192	ADUN4192	192	24	8	21.4	321	478	387

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