

FIRE RESISTANT O.F. CABLE



CABLE CONSTRUCTION

Loose Tubes filled with Gel and Wrapped with Mica Tape - Stranded around Steel Central Strength Member - Core Wrap with Water Blocking Mica Tape - Low Smoke Zero Halogen Inner Sheath -Steel Wire Braided - Mica Tape Low Smoke Zero Halogen Outer Jacket

DESCRIPTION

MEFC offers special type of Fire resistant cables for application in Oil and Gas Industries and other Petrochemical industries for higher resistance. This Core is wrapped with mica tape, which is having excellent characteristics of fire resistance. All MEFC fire resistant cable is approved by third part certifications.

APPLICATIONS

- Halogen Free, High Resistance to ignition - Low Heat of Combustion
- Low Toxic and corrosive gas emission, Control, Alarm Systems, Data, Video Transmission

FEATURES AND BENEFITS

- ❖ High temperature and Explosive Environments
- ❖ Extra heavy duty compressive strength
- ❖ Halogen free, less toxic and hazardous when exposed fire.

STANDARDS

Reference Standards: Industry Standard

Fiber Specifications : Refer Page nos : 44-45

FIBER / TUBE COLOURS: AS PER IEC 60304 Blue, Orange, Green, Brown, Gray, White

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

Max Pulling Tension : 2700 Newton

CABLE CODE				Fiber count	Fiber per Loose tube	No. of active Loose tubes	outer dia (MM)	Min.Bending Radius(MM)		Net Weight (Kg/km)
MM 50/125NM (G.651)	MM 50/125NM (G.651)	SM DISP. unshifted (G.652)	SMNZDS (G.655)					NO LOAD	UNDE R LOAD	
AFRM6004	AFRM5004	AFRM1004	AFRM4004	4	4	4	16.1	241	322	355
AFRM6008	AFRM5008	AFRM1008	AFRM4008	8	4	4	16.1	241	322	357
AFRM6024	AFRM5024	AFRM1024	AFRM4024	12	4	4	16.1	241	322	359
AFRM6012	AFRM5012	AFRM1012	AFRM4012	24	4	4	16.1	241	322	362
AFRM6036	AFRM5036	AFRM1036	AFRM4036	36	6	6	17.3	259	346	406