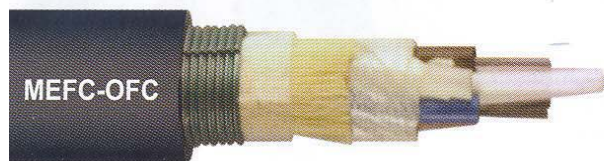


STEEL TAPE ARMoured (SINGLE SHEATH) O.F. CABLE



Water Blocking Material

Optical Fibers

Loose Tube

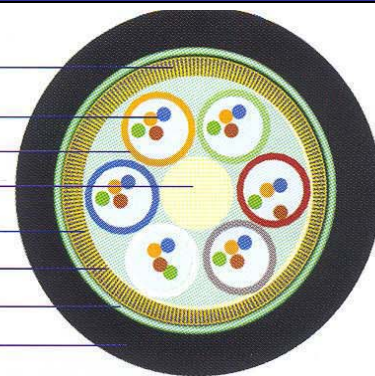
Central Strength Member

Core Wrap

Peripheral Strength Members

Corrugated Steel Tape

Outer Jacket



CABLE CONSTRUCTION

Loose Tubes filled with Gel - Stranded around Central Strength Member - Interstices filled with Gel - Core Wrap - Peripheral Strength Members - Water Blocking Material - Corrugated Steel Tape Armour -Polyethylene Outer Jacket

DESCRIPTION

MEFC offers steel tape armored optical cable, which has been popular cabling solution for outside plant applications. Corrugated steel tape and a robust polyethylene outer jacket combine to deliver rugged durability and added rodent resistance.

APPLICATIONS

- Rodent Resistant- Direct Buried Installation- Data, Video, Voice, Transmission

FEATURES AND BENEFITS

- ❖ Supports all grades of single mode and multimode fibers
- ❖ Offers excellent crush resistance

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 active	outer dia	Min. Bending Radius (MM)		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	UNDE R LOAD	(Kg/km)
AAMM6004 -S	AAMM5004 -S	AAMM1004-S	AAMM4004-S	4	4	1	12.9	193	258	174
AAMM6008 -S	AAMM5008 -S	AAMM1008-S	AAMM4008-S	8	4	2	12.9	193	258	175
AAMM6012 -S	AAMM5012 -S	AAMM1024-S	AAMM4024-S	12	4	3	12.9	193	258	175
AAMM6024 -S	AAMM5024 -S	AAMM1012-S	AAMM4012-S	24	4	6	12.9	193	258	177
AAMM6036 -S	AAMM5036 -S	AAMM1036-S	AAMM4036-S	36	6	6	14.1	211	282	216
AAMM6048 -S	AAMM5048 -S	AAMM1048-S	AAMM4048-S	48	8	6	15.3	229	306	260
AAMM6096 -S	AAMM5096 -S	AAMM1096-S	AAMM4096-S	96	12	8	17.3	259	346	306