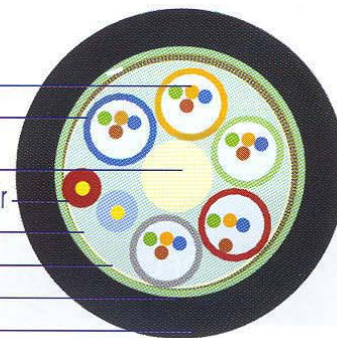


HYBRID O.F. CABLE



Optical Fibers
Loose Tube
Central Strength Member
Insulated Copper Conductor Pair
Core Wrap
Peripheral Strength Members
Moisture Barrier Tape
Outer Jacket



CABLE CONSTRUCTION

Loose Tubes filled with Gel - Copper pair along with Loose Tubes Stranded around Steel Central Strength Member - Interstices filled with Gel - Core Wrap - Peripheral Strength Members -Aluminum Moisture Barrier Tape- Polyethylene Outer Jacket

DESCRIPTION

MEFC offers a robust, highly reliable cable solution for a wide range of demanding outside plant applications, including direct buried and Rocky terrain. The Cable consists of Fibers with Insulated copper pair, insulated with Polyethylene Jacket

APPLICATIONS

- Enables alternate communication - Moisture Resistant - Junction Communication System, Subscriber Network System

FEATURES AND BENEFITS

- ❖ Applicable for remote stations- where distribution of power cables are difficult
- ❖ Excellent Chemical Resistant outer cable jacket for Inside/Outside Plant Environment
- ❖ Composite cable can be utilized for both applications in power and data applications.
- ❖ Supports all grade of single mode and multi mode fibers.

STANDARDS

Reference Standards: Industry Standard

Fiber Specifications : Refer Page nos : 44-45

PERFORMANCE CHARACTERISTICS

Storage Temperature : -40 C to +70 C

Operating Temperature : -40 C to +70 C

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

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

Max Pulling Tension : 2700 Newton

CABLE CODE

| MM 50/125NM (G.651) | MM 50/125NM (G.651) | SM DISP. unshifted (G.652) | SMNZDS (G.655) | Fiber count | Fiber per Loose tube | No. of active Loose tubes | outer dia (MM) | Min.Bending Radius(MM) | | Net Weight (Kg/km) |
|------------------------|------------------------|----------------------------------|-------------------|----------------|-------------------------------|------------------------------------|----------------------|---------------------------|-------------------|--------------------------|
| | | | | | | | | NO LOAD | UNDE R LOAD | |
| AHBM6004 | AHBM5004 | AHBM1004 | AAMM4004 | 4 | 4 | 1 | 12.1 | 121 | 242 | 167 |
| AHBM6008 | AHBM5008 | AHBM1008 | AAMM4008 | 8 | 4 | 2 | 12.1 | 121 | 242 | 168 |
| AHBM6024 | AHBM5024 | AHBM1024 | AAMM4024 | 12 | 4 | 3 | 12.1 | 121 | 242 | 169 |
| AHBM6012 | AHBM5012 | AHBM1012 | AAMM4012 | 24 | 4 | 6 | 12.1 | 121 | 242 | 171 |
| AHBM6036 | AHBM5036 | AHBM1036 | AAMM4036 | 36 | 6 | 6 | 13.7 | 137 | 374 | 209 |