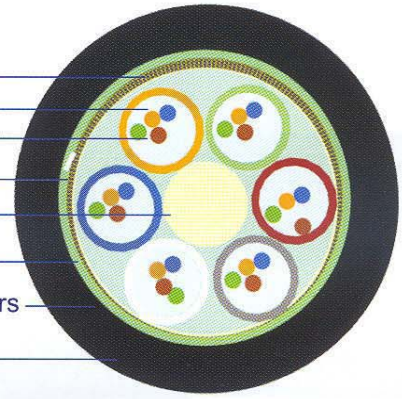


DUCT METALLIC O.F. CABLE



- Al. Moisture Barrier Tape
- Loose Tube
- Optical Fibers
- Identification Tape
- Central Strength Member
- Core Wrap
- Peripheral Strength Members
- Outer Jacket



CABLE CONSTRUCTION

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

DESCRIPTION

The construction of the 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
- ❖ 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 Blue, Orange, Green, Brown, Gray, White, Red, Black, Yellow, Violet, Pink, 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

Max Pulling Tension : 2700 Newton

CABLE CODE

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)
ADUN6004 -S	ADUN5004 -S	ADUN1004 -S	ADUN4004 -S	4	4	1	11.2	112	224	103
ADUN6008 -S	ADUN5008 -S	ADUN1008 -S	ADUN4008 -S	8	4	2	11.2	112	224	104
ADUN6012 -S	ADUN5012 -S	ADUN1012 -S	ADUN4012 -S	12	4	3	11.2	112	224	105
ADUN6024 -S	ADUN5024 -S	ADUN1024 -S	ADUN4024 -S	24	4	6	11.2	112	224	108
ADUN6036 -S	ADUN5036 -S	ADUN1036 -S	ADUN4036 -S	36	6	6	12.0	120	240	127
ADUN6048 -S	ADUN5048 -S	ADUN1048 -S	ADUN4048 -S	48	8	6	13.7	137	274	152
ADUN6096 -S	ADUN5096 -S	ADUN1096 -S	ADUN4096 -S	96	12	8	15.5	155	310	186