Duct - Loose Tube cables

LOOSE TUBE METALLIC ARMORED CABLE 6X12SM SP1505

This cable is used for Access, Distribution, City Network and FTTx applications.It is designed to be installed by pulling in ducts.or by laying in open trench and concrete shaft.

Characteristics & Applications

- High crush resistance for direct buried installation
- Rodent protection
- Central strength member reinforcement
- Metallic armor
- Waterproof dry core structure

STANDARDS

EN 187000
IEC 60794

Fibre Type

The cable is available with different fibre types.

Construction

- Jelly filled tubes containing coloured fibres
- Central FRP strength member
- Corrugated steel tape armor
- Low friction outer sheath

Loose Tube Metallic Armored Cable 6x12SM SP1505

Characteristics

Construction characteristics	
Fiber optic type	SM
Armour type	Corrugated steel
Outer sheath	HDPE
Metal free	No
Strength member	FRP
Construction type	Loose Tube
Dimensional characteristics	
Number of tubes	6
Approximate weight	142 kg/km
Number of optical fibres	72
Nominal outer diameter	11.5 mm
Mechanical characteristics	
Maximum admissible traction load (Tm)	256 daN
Crush resistance (IEC 60794-1-E3)	300 N/cm
Usage characteristics	
Rodent protection	Corrugated steel tape
Operating temperature, range	-30...70 °C
Storage temperature, range	-40...70 °C
Installation type	Outdoor
Ambient installation temperature, range	0...40 °C
Bending factor when laying	20 (xD)