Duct - Loose Tube cables

LOOSE TUBE ARMORED CABLE 12X12SM SP1500

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

Characteristics & Applications

- High blowing distance due to the excellent friction properties of the outer sheath
- Central strength member reinforcement
- High pulling strength
- All dielectric design
- Waterproof dry core structure

Fibre Type

The cable is available with diffrent fibre types.

Construction

- Jelly filled tubes containing coloured fibres
- Central FRP strength member
- Glass yarns armoring
- Very Low friction outer sheath

STANDARDS

EN 187000
IEC 60794

Loose Tube Armored Cable 12x12SM SP1500

Characteristics

Construction characteristics	
Fiber optic type	SM
Armour type	Glass yarns
Outer sheath	HDPE
Metal free	Yes
Strength member	FRP
Construction type	Loose Tube
Dimensional characteristics	
Number of tubes	12
Approximate weight	187 kg/km
Number of optical fibres	144
Nominal outer diameter (mm)	14.9 mm
Mechanical characteristics	
Maximum admissible traction load (Tm)	821 daN
Crush resistance (IEC 60794-1-E3)	300 N/cm
Usage characteristics	
Rodent protection	Glass yarns
Operating temperature, range	-30...70 °C
Storage temperature, range	-40...70 °C
Installation type	Outdoor - Duct
Ambient installation temperature, range	0...40 °C
Bending factor when laying	20 (xD)