

Duct - Loose Tube cables

LOOSE TUBE ARMORED CABLE 6X12SM SP1466

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

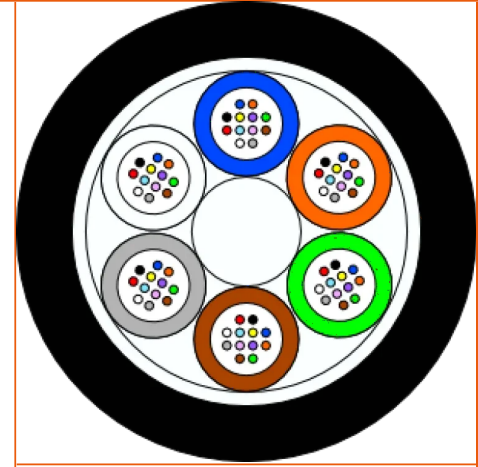
- High blowing distance due to the excellent friction properties of the outer sheath
- Central strength member reinforcement
- High pulling strength
- All dielectric design
- Waterproof dry core structure

Fibre Type

The cable is available with different 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 6x12SM SP1466

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	6
Approximate weight	85 kg/km
Number of optical fibres	72
Nominal outer diameter	10.0 mm

Mechanical characteristics

Maximum admissible traction load (Tm)	514 daN
Crush resistance (IEC 60794-1-E3)	300 N/cm

Usage characteristics

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)

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