

Duct - Loose Tube cables

LOOSE TUBE CABLE 6X12SM SP1449

Aginode Ref: SP1449

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

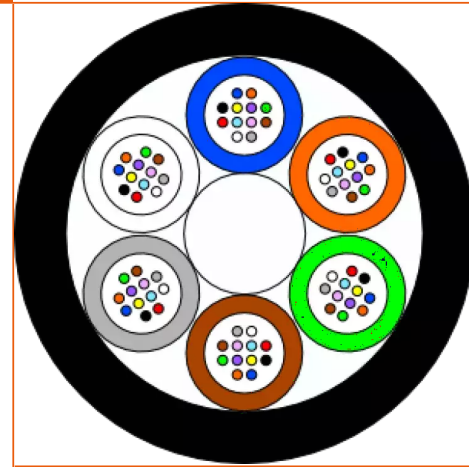
- High blowing distance due to the excellent friction properties of the outer sheath
- Central strength member reinforcement
- All dielectric design
- Waterproof dry core structure

Fibre Type

The cable is available with different fibre types.

Construction

- Jelly filled tubes containing coloured fibres
- Central FRP strength member
- Low friction outer sheath



STANDARDS

EN 187000
IEC 60794

Loose Tube Cable 6x12SM SP1449

Characteristics

Construction characteristics

Armour type	Aramid yarn
Outer sheath	HDPE
Fiber optic type	SM
Construction type	Loose Tube
Metal free	Yes
Strength member	FRP

Dimensional characteristics

Number of tubes	6
Number of optical fibres	72
Nominal outer diameter (mm)	9.0 mm
Approximate weight	67 kg/km

Mechanical characteristics

Crush resistance (IEC 60794-1-E3)	400 N/cm
Maximum admissible traction load (Tm)	270 daN

Usage characteristics

Installation type	Outdoor - Duct
Operating temperature, range	-30...70 °C
Bending factor when laying	20 (xD)
Storage temperature, range	-40...70 °C
Ambient installation temperature, range	0...40 °C