

ADSS - Loose tube cables

AERIAL LOOSE TUBE CABLE 2X12SM SP1562

This cable is used for Access, Distribution, City Network and FTTx applications. It is designed to be installed on poles and can be also installed in duct..

Characteristics & Applications

- Aramid yarns armouring
- Central strength member reinforcement
- All dielectric design
- Waterproof dry core structure
- Small size ADSS design to minimize the effect of ice and wind

Construction

- Jelly filled tubes containing coloured fibres
- Central FRP strength member
- Aramid yarns armouring
- HDPE outer sheath



STANDARDS

EN 187000
IEC 60794

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Characteristics

Construction characteristics

Fiber optic type	SM (G657.A1)
Armour type	Aramid yarn
Outer sheath	HDPE
Metal free	Yes
Strength member	FRP
Construction type	Loose Tube

Dimensional characteristics

Number of tubes	2
Approximate weight	88 kg/km
Number of optical fibres	24
Nominal outer diameter (mm)	10.3 mm

Mechanical characteristics

Maximum tensile load during service (Tl)	270.0 daN
Maximum admissible traction load (Tm)	500 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	Aerial - self-supporting
Ambient installation temperature, range	0...40 °C
Bending factor when laying	20 (xD)

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