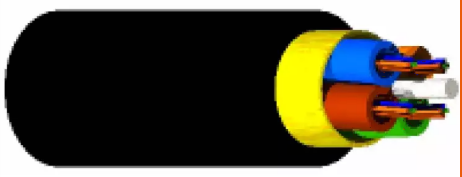
ADSS - Loose tube cables

AERIAL LOOSE TUBE CABLE 4X4SM SP1547

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

All drawings, designs, specifications, plans and particulars of weights, size and dimensions contained in the technical or commercial documentation of Aginode is indicative only and shall not be binding on Aginode or be treated as constituting a representation on the part of Aginode.

Aerial Loose Tube cable 4x4SM SP1547

Characteristics

Construction characteristics	
Fiber optic type	SM
Armour type	Aramid yarn
Outer sheath	HDPE
Metal free	Yes
Strength member	FRP
Construction type	Loose Tube
Dimensional characteristics	
Number of tubes	4
Approximate weight	43 kg/km
Number of optical fibres	16
Nominal outer diameter (mm)	7.8 mm
Mechanical characteristics	
Maximum tensile load during service (Tl)	135.0 daN
Maximum admissible traction load (Tm)	200 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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