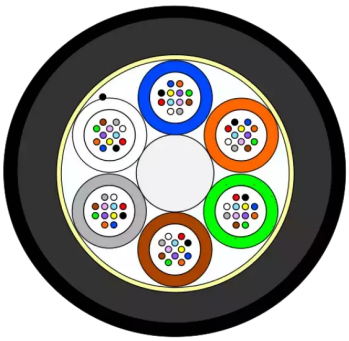
Duct - Loose Tube cables

LOOSE TUBE DUAL JACKET CABLE 6X12SM SP2046

Aginode Ref: Loose Tube Dual Jacket Cable 6x12SM SP2046

This cable is used for network communication in special environments such as railways, airports or industry.

It is designed to be installed by pulling or jetting (air or water) into ducts.



STANDARDS

EN 187000
IEC 60794

Features and applications

- Excellent protection against rodents and bugs (termites) thanks to the 0.6 mm wall thickness PA12 outer jacket.
- Thanks to its very low-friction properties, this cable is the ideal choice for air or water jetting into ducts (not microducts).
- High crush resistance thanks to 2.5 mm wall thickness dual jacket.
- Excellent resistance to chemicals, including hydraulic fluids, oils, fuels, greases, salt water and solvents
- Fully dielectric design
- Watertight dry core structure



Fibre type

The cable is available with different types of fibre.

Construction

- Jelly-filled tubes containing coloured fibres
- FRP central strength member
- Aramid yarn reinforcement
- HDPE + PA12 dual jacket

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.

Loose tube Dual Jacket Cable 6x12SM SP2046

Characteristics

Construction characteristics	
Fiber optic type	SM
Armour type	Aramid yarn
Outer sheath	HDPE - UV Anti-Rodent / Anti-Termite
Metal free	Yes
Strength member	FRP
Construction type	Loose Tube
Dimensional characteristics	
Number of tubes	6
Approximate weight	122 kg/km
Number of optical fibres	72
Nominal outer diameter (mm)	12.6 mm
Mechanical characteristics	
Maximum admissible traction load (Tm)	250 daN
Crush resistance (IEC 60794-1-E3)	300 N/cm
Usage characteristics	
Rodent protection	No
Operating temperature, range	-30...70 °C
Storage temperature, range	-30...70 °C
Installation type	Outdoor - Duct
Ambient installation temperature, range	-5...40 °C
Bending factor when laying	20 (xD)

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