

# ADSS - Loose tube cables

## AERIAL LOOSE TUBE CABLE 12X12SM SP1561

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

# Aerial Loose Tube cable 12x12SM SP1561

## 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	12
Approximate weight	176 kg/km
Number of optical fibres	144
Nominal outer diameter (mm)	14.6 mm

### Mechanical characteristics

Maximum tensile load during service (Tl)	425.0 daN
Maximum admissible traction load (Tm)	765 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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