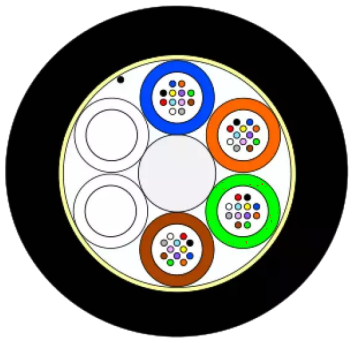
# ADSS - Loose tube cables

**AERIAL LOOSE TUBE CABLE 4X12SM 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

*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 4x12SM SP1562

## 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 | 4 |
| Approximate weight | 88 kg/km |
| Number of optical fibres | 48 |
| 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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