

Aerial - Loose tube cables Max span 100m

AERIAL LOOSE TUBE CABLE 8X12SM SP1514

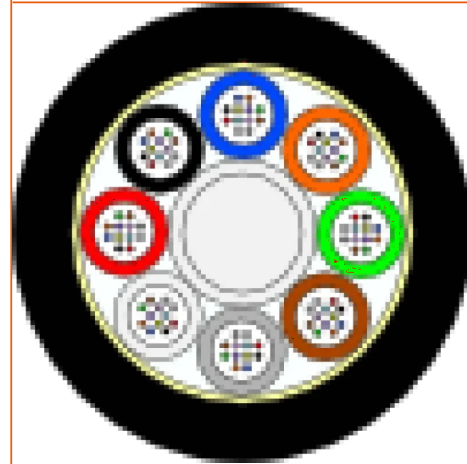
This cable is used for Access, Distribution, City Network and FTTx applications. It is designed to be installed on poles and can be also installed in duct..

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 8x12SM SP1514

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 | 8 |
| Approximate weight | 116 kg/km |
| Number of optical fibres | 96 |
| Nominal outer diameter (mm) | 11.8 mm |

Mechanical characteristics

| | |
|--|-----------|
| Maximum tensile load during service (Tl) | 350.0 daN |
| Maximum admissible traction load (Tm) | 650 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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