

Duct - Loose Tube cables

LOOSE TUBE ARMORED CABLE SP1978

Aginode Ref: A-DQ(ZN)B2Y 6x12SM

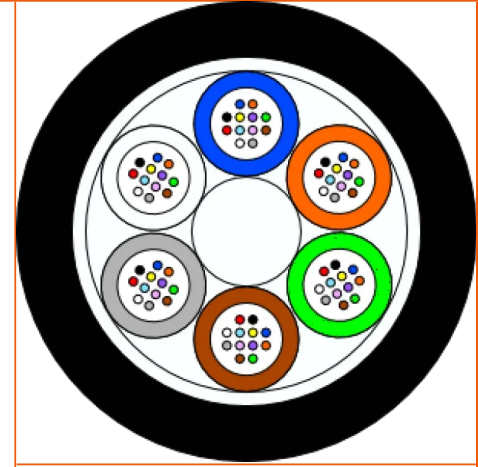
This cable is used for access, distribution, urban network and FTTx applications. It is designed to be installed by pulling or blowing into ducts.

Features and applications

- High blowing distance thanks to the excellent friction properties of the outer sheath
- Reinforced central resistance element
- Fully dielectric design
- Sealed dry core structure

Construction

- Jelly-filled tubes containing coloured fibres
- FRP central strength member
- Low-friction HDPE outer sheath (wall thickness 1.5 mm)



STANDARDS

EN 187000
IEC 60794

Loose Tube Armored Cable SP1978

Characteristics

Construction characteristics

| | |
|-------------------|-------------|
| Armour type | Glass yarns |
| Outer sheath | HDPE |
| Fiber optic type | SM (G.652D) |
| Construction type | Loose Tube |
| Metal free | Yes |
| Strength member | FRP |

Dimensional characteristics

| | |
|-----------------------------|----------|
| Number of tubes | 6 |
| Number of optical fibres | 12-72 |
| Nominal outer diameter (mm) | 10.6 mm |
| Approximate weight | 92 kg/km |

Mechanical characteristics

| | |
|---------------------------------------|----------|
| Crush resistance (IEC 60794-1-E3) | 200 N/cm |
| Maximum admissible traction load (Tm) | 400 daN |

Usage characteristics

| | |
|---|----------------|
| Installation type | Outdoor - Duct |
| Operating temperature, range | -20...70 °C |
| Bending factor when laying | 20 (xD) |
| Storage temperature, range | -30...60 °C |
| Rodent protection | Glass yarns |
| Ambient installation temperature, range | -5...50 °C |

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