

# Duct - Loose Tube cables

## LOOSE TUBE ARMORED CABLE 4X12SM SP1768

**Aginode Ref:** Cable Loose Tube Renforcé 4x12 G652D SP1768

This cable is used for Access, Distribution, City Network and FTTx applications. It is designed to be installed by pulling or blowing in ducts.

## Characteristics & Applications

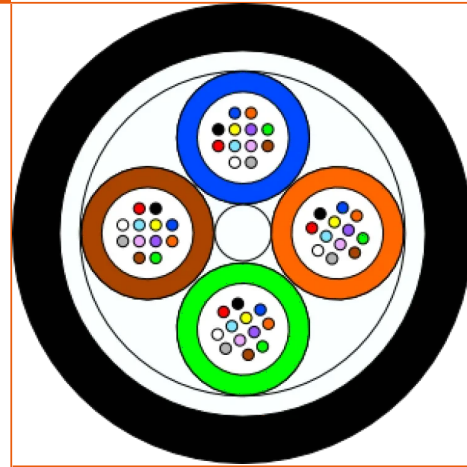
- High blowing distance due to the excellent friction properties of the outer sheath
- Central strength member reinforcement
- High pulling strength
- All dielectric design
- Waterproof dry core structure

## Fibre Type

The cable is available with different fibre types.

## Construction

- Jelly filled tubes containing coloured fibres
- Central FRP strength member
- Glass yarns armoring
- Very Low friction outer sheath



## STANDARDS

EN 187000  
IEC 60794

# Loose Tube Armored Cable 4x12SM SP1768

## Characteristics

### Construction characteristics

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

### Dimensional characteristics

|                             |          |
|-----------------------------|----------|
| Number of tubes             | 4        |
| Approximate weight          | 53 kg/km |
| Number of optical fibres    | 48       |
| Nominal outer diameter (mm) | 7.9 mm   |

### Mechanical characteristics

|                                       |          |
|---------------------------------------|----------|
| Maximum admissible traction load (Tm) | 323 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                       | Outdoor - Duct |
| Ambient installation temperature, range | 0...40 °C      |
| Bending factor when laying              | 20 (xD)        |