

# Duct - Loose Tube cables

## LOOSE TUBE CABLE 6X12SM SP1976

**Aginode Ref:** Loose Tube Cable 6x12SM SP1976

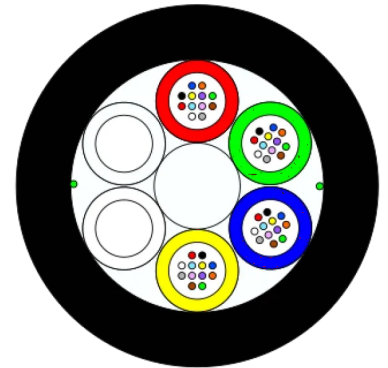
This cable is used for Access, Distribution, City Network and FTTx applications. It is designed to be installed by pulling or blowing in ducts.

## Characteristics & Applications

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

## Construction

- Jelly filled tubes containing coloured fibres
- Central FRP strength member
- Low friction outer sheath



## STANDARDS

EN 187000  
IEC 60794

# Loose Tube Cable 6x12SM SP1976

## Characteristics

### Construction characteristics

Fiber optic type	SM
Armour type	Unarmoured
Outer sheath	HDPE
Metal free	Yes
Strength member	FRP
Construction type	Loose Tube

### Dimensional characteristics

Number of tubes	6
Approximate weight	78 kg/km
Number of optical fibres	72
Nominal outer diameter (mm)	10.2 mm

### Mechanical characteristics

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

### Usage characteristics

Rodent protection	No
Operating temperature, range	-20...70 °C
Storage temperature, range	-30...60 °C
Installation type	Outdoor - Duct
Ambient installation temperature, range	-5...50 °C
Bending factor when laying	20 (xD)