

# Duct - Loose Tube cables

## LOOSE TUBE ARMORED CABLE SP1978

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

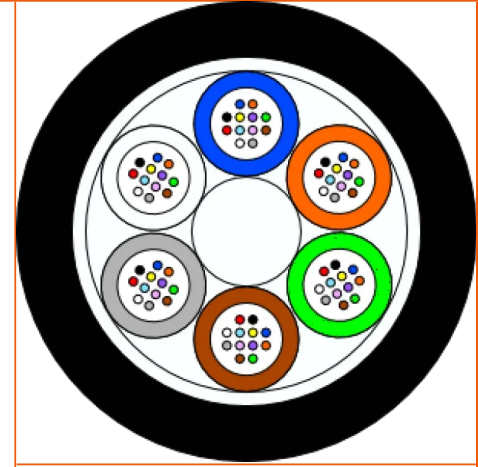
This cable is used for access, distribution, urban network and FTTx applications. It is designed to be installed by pulling or blowing into ducts.

## 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