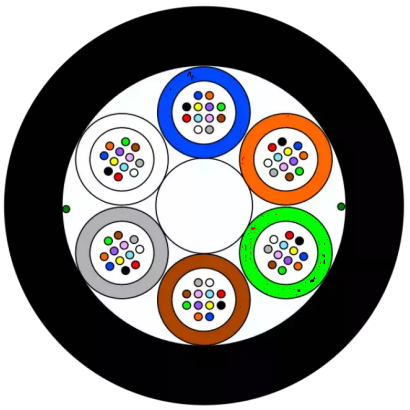
# U-GUARD - Compact duct and aerial cable Max span 50m

**U-GUARD LT COMPACT LOOSE TUBE CABLE 6X12SM SP2053**

**Aginode Ref:** 14500780



EN 187000 IEC 60794

This  cable is specially designed to be installed by pulling in occupied ducts.

It is also a very good candidate for jetting installation types.

On top of this it can be installed aerial for short spans up to 50m.

## Characteristics & Applications

- Compact in size
- Excellent installation performances due to the excellent friction properties of the outer sheath
- Central strength member reinforcement
- High pulling strength
- All dielectric design
- Waterproof dry core structure
- Rodent Repellent (RR) Outersheath
- Compatible with helical dead-ends

## Construction

- Jelly filled tubes containing  coloured fibres
- Central FRP strength member
- Very Low friction outer sheath
- Strong HDPE outer jacket with 1mm wall thickness
- Rodent Repellent outer sheath

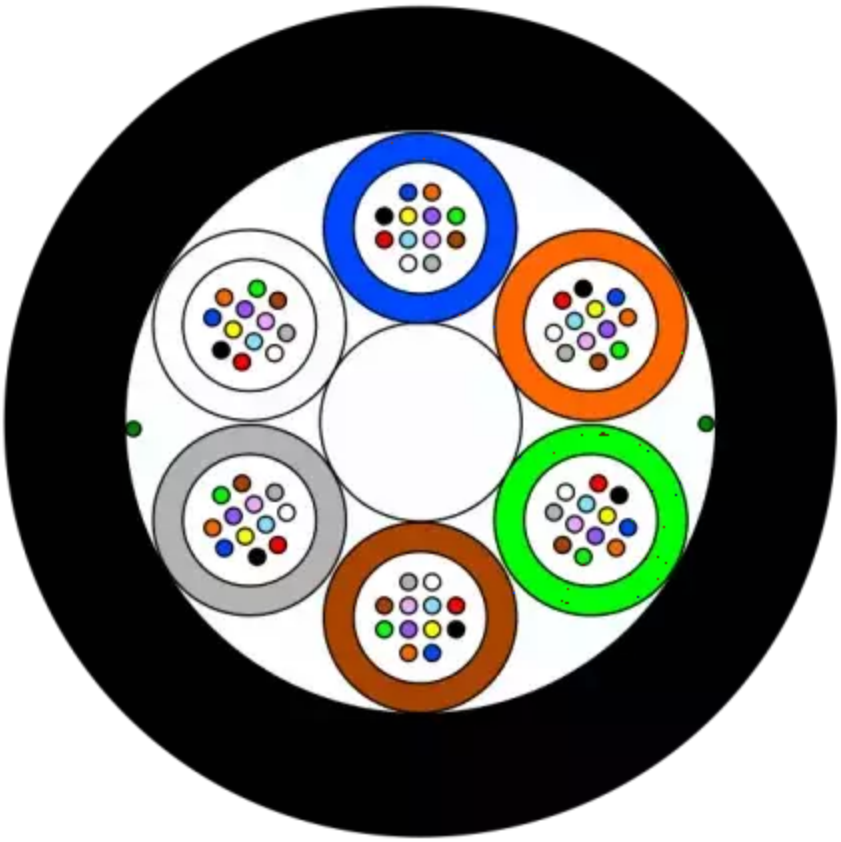
*All drawings, designs, specifications, plans and particulars of weights, size and dimensions contained in the technical or commercial documentation of Aginode is indicative only and shall not be binding on Aginode or be treated as constituting a representation on the part of Aginode.*

# U-GUARD LT COMPACT LOOSE TUBE CABLE 6X12SM SP2053

## Characteristics

| | |
|---|---|
| **Construction characteristics** | |
| Armour type | Unarmoured |
| Construction type | Loose Tube |
| Fiber optic type | SM (G657.A1) |
| Metal free | Yes |
| Outer sheath | HDPE |
| Strength member | Central FRP |
| **Dimensional characteristics** | |
| Approximate weight | 38 kg/km |
| Average sheath thickness | 1.0 mm |
| Nominal outer diameter (mm) | 6.9 mm |
| Number of optical fibres | 72 |
| Number of tubes | 6 |
| **Mechanical characteristics** | |
| Crush resistance (IEC 60794-1-E3) | 200 N/cm |
| Maximum admissible traction load (Tm) | 100 daN |
| **Usage characteristics** | |
| Ambient installation temperature, range | -10...50 °C |
| Bending factor when laying | 20 (xD) |
| Installation type | Duct - Air jetting or pulling - Aerial short span 50m |
| Operating temperature, range | -30...70 °C |
| Rodent protection | Anti rodent additive |
| Storage temperature, range | -40...70 °C |

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## Selling & delivery Information

# Standard Marking

Aginode - MF - SPxxxx - FIBRE OPTIC CABLE - XX*YY - TN - metric

XX = Fibre Count
YY = Fibre Type
TN = Traceability Number

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