

# Duct - Loose Tube cables

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

Compact rugged duct cable with Rodent protection

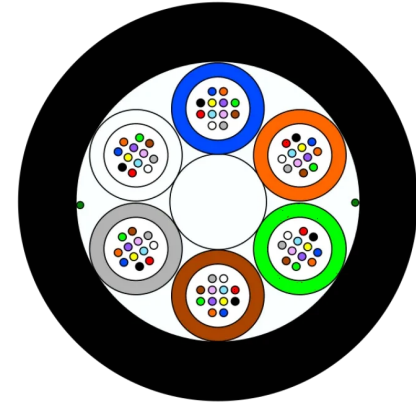
This compact and robust cable is specially designed to be installed by pulling in occupied ducts. It is also a very good candidate for jetting installation types.

## Characteristics & Applications

- Compact in size
- Excellent pulling 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

## Construction

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



## STANDARDS

EN 187000  
IEC 60794

# U-GUARD LT Compact Loose Tube Cable 6x12SM SP2053

## Characteristics

### Construction characteristics

|                   |                         |
|-------------------|-------------------------|
| Fiber optic type  | SM                      |
| Outer sheath      | HDPE - UV / Anti-Rodent |
| Metal free        | Yes                     |
| Strength member   | FRP                     |
| Construction type | Loose Tube              |

### Dimensional characteristics

|                          |          |
|--------------------------|----------|
| Number of tubes          | 6        |
| Approximate weight       | 38 kg/km |
| Number of optical fibres | 72       |
| Nominal outer diameter   | 6.9 mm   |

### Mechanical characteristics

|                                       |          |
|---------------------------------------|----------|
| Maximum admissible traction load (Tm) | 100 daN  |
| Crush resistance (IEC 60794-1-E3)     | 200 N/cm |

### Usage characteristics

|   |                      |
|---|----------------------|
| Rodent protection                       | Anti rodent additive |
| Operating temperature, range            | -30...70 °C          |
| Storage temperature, range              | -40...70 °C          |
| Installation type                       | Outdoor - Duct       |
| Ambient installation temperature, range | -5...40 °C           |
| Bending factor when laying              | 20 (xD)              |