

#### Cable description

- 01. Tight Buffer Fibre (0.9 mm)
- 02. Aramid
- 03. Individual Jacket (Ø 2.0 mm)
- 04. Inner Jacket
- 05. Special Braid
- 06. Outer Jacket

#### Applications

Universal (Indoor / Outdoor)  
Direct connection to mobile equipments

#### Options

Special colour code

#### Fire Performance

Flame retardant (IEC 60332-1)  
Halogen free (IEC 60754-1/-2)

#### Advantages

Compact / Extra-Flexible / Resilient / Tough / Excellent mechanical resistance /  
Easy to strip (gel free) / Totally dielectric / Reduced diameter / Direct connectorization /  
Suitable for mobile applications



TOTALLY  
DIELECTRIC



MOISTURE  
PROTECTED



HIGH  
FLEXIBILITY



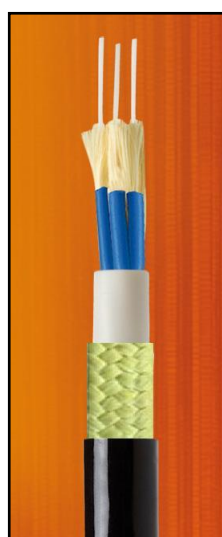
ULTRAVIOLET  
RESISTANCE



FLAME  
RETARDANT



HALOGEN  
FREE



#### SPECIFICATIONS

| Fibres                     | 2 / 4 / 6                                                                                                | 8          | 12         |
|----------------------------|----------------------------------------------------------------------------------------------------------|------------|------------|
| Subcables strength members | Aramid Yarns                                                                                             |            |            |
| Subcables Ø (mm)           | 2.0 ± 0.1                                                                                                |            |            |
| Subcables Jacket           | Thermoplastic                                                                                            |            |            |
| Subcables Colour           | ORG(RAL2003) MM62 / BLU(RAL5015) MM50-OM2 / AQU (RAL6027) OM3 / VIO (RAL4003) OM4 / YLW (RAL1021) OS-1/2 |            |            |
| Identification             | Numbers                                                                                                  |            |            |
| Inner Jacket               | Thermoplastic – Natural                                                                                  |            |            |
| Special Braid              | Aramid Braid                                                                                             |            |            |
| Outer Jacket               | Polyurethane (TPU) <sup>1</sup> – Black                                                                  |            |            |
| Weight (Kg/Km)             | 130                                                                                                      | 170        | 177        |
| Outer Ø (mm)               | 11.7 ± 0.5                                                                                               | 12.9 ± 0.5 | 14.0 ± 0.5 |
| Max. Tensile Load (N)      | 1000 (Operation) / 1800 (Installation) - (IEC 60794-1-21 E1)                                             |            |            |
| Max. Crush (N/dm)          | 2000 (IEC 60794-1-21 E3)                                                                                 |            |            |
| Repeated Bending           | 100.000 cycles (IEC 60794-1-21 E6; 2Kg; ±90°)                                                            |            |            |
| Flexion                    | 100.000 cycles (IEC 60794-1-21 E6; 2Kg; 1.5m; r = 100mm)                                                 |            |            |
| Torsion                    | 100.000 cycles (IEC 60794-1-21 E7; 2Kg; ±180°/m)                                                         |            |            |
| Drag Chain                 | 2.000.000 cycles (r = 75mm; 1.5m)                                                                        |            |            |
| Temperature Range          | -40°C to +70°C (Operation) (IEC 60794-1-22 F1)                                                           |            |            |
| Min. Bending Radius        | 15 x Outer Ø (Operation) 20 x Outer Ø (Installation) - (IEC 60794-1-21 E11)                              |            |            |

#### Standards

Mechanical and Environmental tests according to IEC 60794-1-21 and IEC 60794-1-22.

<sup>1</sup> TPU - Thermoplastic Compound suitable for low temperature