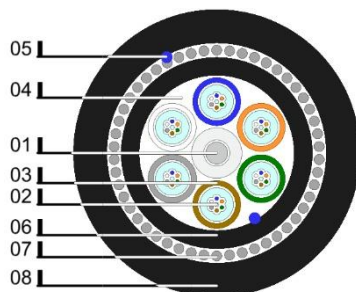




## Metallic Armoured Multitube Cable (Up to 288 FO)



### Cable Description

- 01. Central Element
- 02. Fibre Optics
- 03. Loose Tubes (Jelly Filled)
- 04. Strength Members
- 05. Ripcords
- 06. Inner Jacket
- 07. Metallic Armour
- 08. Outer Jacket

### Applications

Universal (Indoor/Outdoor)

### Rodent protection

Excellent rodent resistance

### Options

Special colour code (TIA 598)  
Jackets: PVC / PE / PA  
Dry Tubes

### Fire Performance

Flame retardant (IEC 60332-1/-3)  
Halogen free (IEC 60754-1/-2)  
Low smoke emission (IEC 61034-2)

### CPR Classification (Euroclass)

Reaction to Fire: Eca  
Declaration Code: DOP01250

### Advantages

Compact / Tough / Resistant / Reduced diameter / Watertight / Excellent rodent resistance



MOISTURE PROTECTED



WATERTIGHT



ULTRAVIOLET RESISTANCE



RODENT PROTECTION



FLAME RETARDANT



LOW SMOKE EMISSION



HALOGEN FREE



### SPECIFICATIONS

|                          |                                                                                  |           |           |           |           |           |           |           |           |
|--------------------------|----------------------------------------------------------------------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| Fibres                   | 2 - 12                                                                           | 24        | 36        | 48        | 64        | 72        | 96        | 144       | 288       |
| Total / Active Tubes     | 6 / 1                                                                            | 6 / 2     | 6 / 3     | 6 / 4     | 8 / 8     | 6 / 6     | 8 / 8     | 12 / 12   | 12 / 12   |
| Fibres per Tube          | 2 - 12                                                                           | 12        |           |           | 8         | 12        |           |           | 24        |
| Strength Members         | Reinforced Fibreglass Yarns WB (Waterblocking)                                   |           |           |           |           |           |           |           |           |
| Inner Jacket             | LSZH <sup>1</sup> – Black                                                        |           |           |           |           |           |           |           |           |
| Armour                   | Steel Wire Armour                                                                |           |           |           |           |           |           |           |           |
| Outer Jacket             | LSZH <sup>1</sup> - Black                                                        |           |           |           |           |           |           |           |           |
| Outer Ø (mm)             | 14.0 ±0.5                                                                        | 14.0 ±0.5 | 14.0 ±0.5 | 14.0 ±0.5 | 15.3 ±0.5 | 14.0 ±0.5 | 15.3 ±0.5 | 17.9 ±0.5 | 19.5 ±0.5 |
| Weight (Kg / Km)         | 318                                                                              | 319       | 320       | 321       | 375       | 322       | 375       | 496       | 576       |
| Max. Tensile Load (N)    | 4500 (Operating) / 6000 (Installation) - (IEC 60794-1-21 E1)                     |           |           |           |           |           |           |           |           |
| Max. Crush (N/10cm)      | 3000 (IEC 60794-1-21 E3)                                                         |           |           |           |           |           |           |           |           |
| Max. Impact (J)          | 10 (IEC 60794-1-21 E4)                                                           |           |           |           |           |           |           |           |           |
| Water Penetration        | According (3m / 1m / 24h / Optical core / IEC 60794-1-22 F5B)                    |           |           |           |           |           |           |           |           |
| Temperature Range        | -40°C to +70°C (Operating) / -10°C to +50°C (Installation) – (IEC 60794-1-22 F1) |           |           |           |           |           |           |           |           |
| Min. Bending Radius (mm) | 15 x Outer Ø (Operating) / 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.

Fibres colour code: Red - Green - Blue - Yellow - Grey - Violet - Brown - Orange - White - Pink - Black - Turquoise. With black ring: Red - Green - Blue - Yellow - Grey - Violet - Brown - Orange - White - Pink - Natural - Turquoise.  
Tubes colour code: Red - Green - Natural - ... - Natural. Passive tubes colour Black.

<sup>1</sup> LSZH – Halogen free, low smoke and flame retardant thermoplastic compound.