

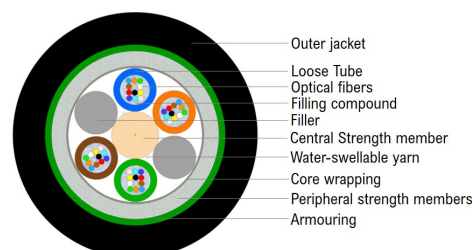
## Universal CST Armoured Multi-tube Cable 48F (SC)

### Description:

#### Universal CST Armoured Multi-tube Cable 48F (SC)

**Rev. 0075-20/32**

Fibre optic cable with full protection against rodents for direct burial installation.



### Specifications:

|                             |                                                                                                        |
|-----------------------------|--------------------------------------------------------------------------------------------------------|
| Fiber count                 | 48                                                                                                     |
| Fiber Type                  | G.652.D, G.657.A1, G.657.A2, G.655, G.656, OM1, OM2, OM3, OM4, OM5                                     |
| Fiber color                 | Blue, Orange, Green, Brown, Grey, White, Red, Black, Yellow, Violet, Pink, Aqua                        |
| Tube                        | Gel-Filled PBT buffer tube                                                                             |
| Tube color                  | Blue, Orange, Green, Brown                                                                             |
| Tube filling compound       | Thixotropic Jelly Compound                                                                             |
| Central strength member     | FRP rod                                                                                                |
| Core wrapping               | Water-swellable tape                                                                                   |
| Peripheral strength members | Water-swellable glass yarns                                                                            |
| Armouring                   | Corrugated steel tape, longitudinally under jacket                                                     |
| Outer jacket                | UV resistant Thermoplastic FR-LSHF compound according to BS 7878:7 and DIN VDE 0207, part 24, type HM2 |
| Outer jacket thickness      | 1.5 mm                                                                                                 |

|                           |      |      |
|---------------------------|------|------|
| Cable outer diameter      | 11.4 | [mm] |
| Tube count                | 4    |      |
| Filler count              | 2    |      |
| Max. Loading (Short Term) | 2500 | [N]  |
| Max. Loading (Long Term)  | 1000 | [N]  |
| Max. compressive loading  | 3500 | [N]  |
| Max. Impact loading       | 25   | [Nm] |
| Min. bend radius not load | 15   | [OD] |
| Min. bend radius load     | 20   | [OD] |

|                                                                      |            |         |
|----------------------------------------------------------------------|------------|---------|
| Operating temperature range                                          | -40 to +70 | [°C]    |
| Storage temperature range                                            | -40 to +70 | [°C]    |
| Installation temperature range                                       | -15 to +50 | [°C]    |
| Cable Weight (calc.)                                                 | 151        | [kg/km] |
| Class of fire reaction                                               | Fca        |         |
| Test standards: EN 60793-1, EN 60794-1-21, EN 60794-1-22, EN 13501-6 |            |         |

**Ordering code:**

OPK-U-MTFDS-48(6x2.0)LTGXH-xx-BK  
xx - fiber type (see Cable code datasheet)

**Marking Method:** Ink-Jet

**Print legend:** OPK -cable type - lot number- length marking per 1 m (customer print legend available on request)

**Delivery length:** 2000 m, 4000 m  $\pm 5\%$  on plywood reel or solid wooden non-returnable drum