

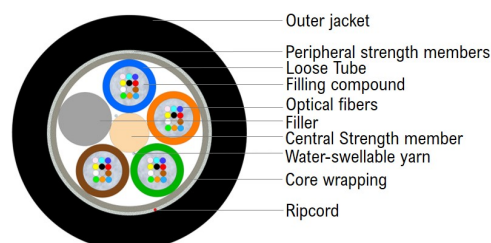
## Universal Multitube Cable 48F (HC)

### Description:

#### Universal Multitube Cable 48F (HC)

##### Rev. 0133-20/23

Full dielectric cable for external or internal installation on cable trays or into duct by pulling



### Specifications:

|                             |                                                                                                        |
|-----------------------------|--------------------------------------------------------------------------------------------------------|
| Fiber count                 | 48                                                                                                     |
| Fiber Type                  | G.652.D, G.657.A1, G.657.A2, G.655, G.656, OM1, OM2, 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-swellaable tape                                                                                  |
| Peripheral strength members | Water-swellaable glass yarns                                                                           |
| Ripcord                     | 1x under outer jacket                                                                                  |
| Outer jacket                | UV resistant Thermoplastic FR-LSHF compound according to BS 7878:7 and DIN VDE 0207, part 24, type HM2 |
| Jacket thickness            | 2.0 mm                                                                                                 |

|                           |      |       |
|---------------------------|------|-------|
| Cable outer diameter      | 11.2 | [mm]  |
| Tube count                | 4    |       |
| Filler count              | 1    |       |
| Max. Loading (Short Term) | 2000 | [N]   |
| Max. Loading (Long Term)  | 440  | [N]   |
| Max. compressive loading  | 2000 | [N]   |
| Max. Impact loading       | 20   | [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.)                                                 | 122             | [kg/km] |
| Class of fire reaction                                               | F <sub>ca</sub> |         |
| Test standards: EN 60790-1, EN 60794-1-21, EN 60794-1-22, EN 13501-6 |                 |         |

### Ordering code:

#### **OPK-U-MTFDS-48(5x2.3)LTGH-xx-yy**

xx – fiber type, yy – jacket colour (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:** 2100 m, 4200 m ±5% on plywood reel or solid wooden non-returnable drum