

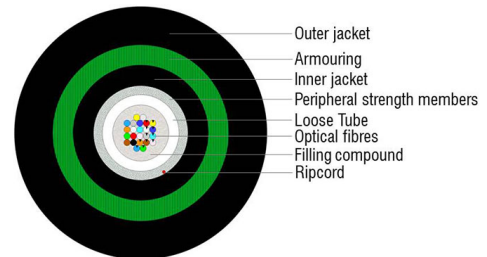
## Outdoor CST armoured Unitube Cable - Double Jacket (GC)

### Description:

### Outdoor CST armoured Unitube Cable - Double Jacket (GC)

#### Rev. 0040-20/48

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



### Specifications:

|                        |                                                                                                                                                                                                                        |
|------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Fibre count            | Up to 24                                                                                                                                                                                                               |
| Fibre Type             | G.652.D, G.657.A1, G.657.A2, G.655, G.656, OM1, OM2, OM2+, OM3, OM4                                                                                                                                                    |
| Fibre colour           | 1-12 Blue, Orange, Green, Brown, Grey, White, Red, Black, Yellow, Violet, Pink, Aqua<br>13-24 BlueBS, OrangeBS, GreenBS, BrownBS, GreyBS, WhiteBS, RedBS, Natural, YellowBS, VioletBS, PinkBS, AquaBS (BS Black strip) |
| Tube                   | Gel-Filled PBT buffer tube                                                                                                                                                                                             |
| Tube colour            | Natural / White                                                                                                                                                                                                        |
| Filling compound       | Low-viscosity filling gel                                                                                                                                                                                              |
| Strength member        | Water-swellaable Glass yarn                                                                                                                                                                                            |
| Ripcord                | 1x under inner jacket                                                                                                                                                                                                  |
| Inner jacket           | UV resistant black LDPE                                                                                                                                                                                                |
| Inner jacket thickness | 0.8 mm                                                                                                                                                                                                                 |
| Armouring              | Corrugated steel tape, longitudinally under outer jacket                                                                                                                                                               |
| Outer jacket           | UV resistant black HDPE                                                                                                                                                                                                |
| Outer jacket thickness | 1.5 mm                                                                                                                                                                                                                 |

|                                   |            |          |                   |
|-----------------------------------|------------|----------|-------------------|
| Max. Tensile loading (Short Term) | 1500       | [N]      | EN 60794-1-21-E1  |
| Max. Tensile loading (Long Term)  | 300        | [N]      | EN 60794-1-21-E1  |
| Max. compressive loading          | 3000       | [N/10cm] | EN 60794-1-21-E3  |
| Max. Impact loading               | 20         | [Nm ]    | EN 60794-1-21-E4  |
| Min. bend radius not load         | 15         | [OD]     | EN 60794-1-21-E11 |
| Min. bend radius load             | 25         | [OD]     | EN 60794-1-21-E11 |
| Operating temperature range       | -20 to +70 | [°C]     | EN 60794-1-22-F1  |

|                                |              |      |                      |
|--------------------------------|--------------|------|----------------------|
| Storage temperature range      | -40 to +70   | [°C] | EN 60794-1-22-F1     |
| Installation temperature range | -5 to +50    | [°C] | EN 60794-1-22-F1     |
| Water penetration Pass         | [3m/24 hrs.] |      | EN 60794-1-22-F5     |
| Class of fire reaction         | Fca          |      | EN 50575, EN 13501-6 |

**Ordering code:**

| Fiber count | Cable Code (Ordering Code)       | Tube diameter | Cable outer diameter | Approx. Cable Weight |
|-------------|----------------------------------|---------------|----------------------|----------------------|
| 2           | OPK-O-CTFS-2(1x3,0)LTGPXP-xx-BK  | 3.0 mm        | 9.9 mm               | 104 kg/km            |
| 4           | OPK-O-CTFS-4(1x3,0)LTGPXP-xx-BK  | 3.0 mm        | 9.9 mm               | 104 kg/km            |
| 6           | OPK-O-CTFS-6(1x3,0)LTGPXP-xx-BK  | 3.0 mm        | 9.9 mm               | 104 kg/km            |
| 8           | OPK-O-CTFS-8(1x3,0)LTGPXP-xx-BK  | 3.0 mm        | 9.9 mm               | 104 kg/km            |
| 12          | OPK-O-CTFS-12(1x3,0)LTGPXP-xx-BK | 3.0 mm        | 9.9 mm               | 104 kg/km            |
| 16          | OPK-O-CTFS-16(1x3,0)LTGPXP-xx-BK | 3.0 mm        | 9.9 mm               | 105 kg/km            |
| 24          | OPK-O-CTFS-24(1x3,0)LTGPXP-xx-BK | 3.0 mm        | 9.9 mm               | 105 kg/km            |

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: 2100 m ±5% on plywood reel or solid wooden non-returnable drum