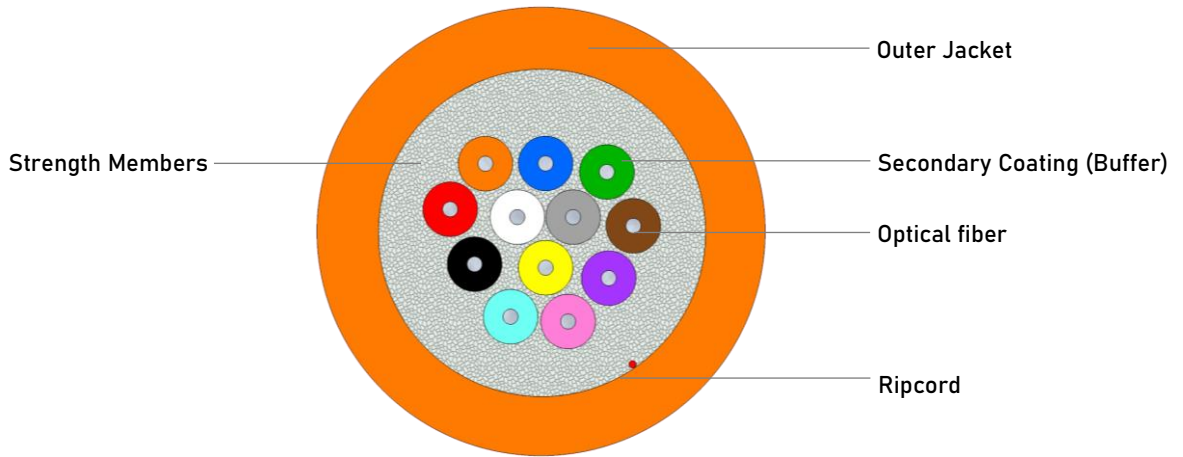


# Universal glass yarn protected Distribution Cable

Universal Cable for inter-building and intra-building backbone cabling



|                        |   |
|------------------------|---|
| Fiber count            | Up to 12  |
| Fiber Type             | G.652.D, G.657.A1, G.657.A2, G.655, OM1, OM2, OM3, OM4, OM5                     |
| Fiber color            | Natural   |
| Buffer color           | Blue, Orange, Green, Brown, Grey, White, Red, Black, Yellow, Violet, Pink, Aqua |
| Buffer material        | Halogen-free flame-retardant thermoplastic compound                             |
| Buffer diameter        | 0.9 mm  |
| Strength member        | Water-swellable glass yarns   |
| Outer jacket           | UV resistant Halogen-free flame-retardant thermoplastic compound                |
| Outer Jacket thickness | 1.0 mm  |
| Ripcord                | 1x under outer jacket   |

|                                |                               |          |
|--------------------------------|-------------------------------|----------|
| Max. compressive loading       | 1000                          | [N/10cm] |
| Max. Impact loading            | 10                            | [Nm]     |
| Min. bend radius (not load)    | 10                            | [OD]     |
| Min. bend radius (not load)    | 20                            | [OD]     |
| Operating temperature range    | -20 to +70                    | [°C]     |
| Storage temperature range      | -40 to +70                    | [°C]     |
| Installation temperature range | -5°C to +50                   | [°C]     |
| Water tightness                | No water detected on free end |          |
| Class of fire reaction         | F <sub>ca</sub>               |          |

Test procedures IEC 60794-1-2, EN 13501-6

| Fiber count | Cable Code<br>(Ordering Code)   | Nominal Cable<br>Diameter | Cable Weight (calc.) | Maximum tensile<br>loading |
|-------------|---------------------------------|---------------------------|----------------------|----------------------------|
| 2           | OPK-U-DSTS-2(2x0.9)T9GH-xx-yy   | 5.2 mm                    | 28 kg/km             | 800 N                      |
| 4           | OPK-U-DSTS-4(4x0.9)T9GH-xx-yy   | 5.7 mm                    | 34 kg/km             | 1000 N                     |
| 6           | OPK-U-DSTS-6(6x0.9)T9GH-xx-yy   | 6.0 mm                    | 38 kg/km             | 1000 N                     |
| 8           | OPK-U-DSTS-8(8x0.9)T9GH-xx-yy   | 6.7 mm                    | 44 kg/km             | 1200 N                     |
| 12          | OPK-U-DSTS-12(12x0.9)T9GH-xx-yy | 7.4 mm                    | 57 kg/km             | 2000 N                     |

xx - fiber type, yy - cable jacket color (see Cable code datasheet)

Print legend      Manufacturer - Cable type - lot number- length marking (customer print legend available on request)  
 Delivery length      2100 m ±5% on plywood reel