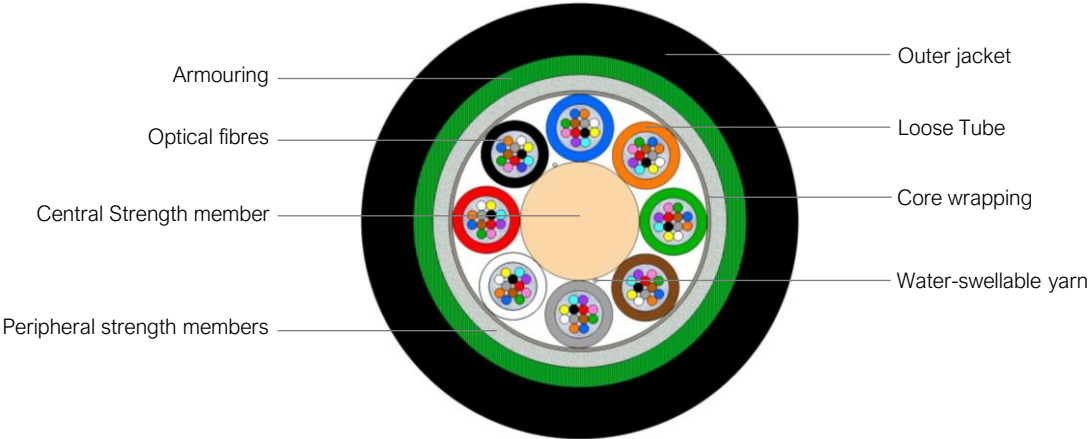


# Outdoor CST Armoured Multitube Cable 96F (NC)

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



|                             |                                                                                 |
|-----------------------------|---------------------------------------------------------------------------------|
| Fiber count                 | 96                                                                              |
| Fiber Type                  | G.652.D, G.657.A1, G.657.A2, G.655, OM2, OM3, OM4                               |
| 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, Grey, White, Red, Black                             |
| Tube filling compound       | Low-viscosity filling gel                                                       |
| Central strength member     | FRP rod                                                                         |
| Core wrapping               | Water-swallowable tape                                                          |
| Peripheral strength members | Water-swallowable glass yarns                                                   |
| Armouring                   | Corrugated steel tape, longitudinally under outer jacket                        |
| Outer jacket                | UV resistant black HDPE                                                         |
| Jacket thickness            | 1.3 mm                                                                          |
| Nominal outer diameter      | 11.0 mm                                                                         |
| Cable Weight (calc.)        | 130 kg/km                                                                       |

|                                   |                               |
|-----------------------------------|-------------------------------|
| Max. Tensile Loading (Short Term) | 5500 N                        |
| Max. Tensile Loading (Long Term)  | 1800 N                        |
| Max. compressive loading          | 3500N/100 mm                  |
| Max. Impact loading               | 25 Nm                         |
| Min. bend radius not load         | 15 x OD                       |
| Min. bend radius load             | 20 x OD                       |
| Operating temperature range       | -40°C to +70°C                |
| Storage temperature range         | -40°C to +70°C                |
| Installation temperature range    | -15°C to +50°C                |
| Water tightness                   | No water detected on free end |
| Class of fire reaction            | Fca                           |

Test procedures EN IEC 60793-1-40, EN IEC 60794-1-2, EN 13501-6

|                            |                                  |                                            |
|----------------------------|----------------------------------|--------------------------------------------|
| Cable Code (Ordering Code) | OPK-O-MTFDS-96(8x1.7)LTGXP-xx-BK | xx – fiber type (see Cable code datasheet) |
|----------------------------|----------------------------------|--------------------------------------------|

|                 |                                                                                                        |
|-----------------|--------------------------------------------------------------------------------------------------------|
| Print legend    | Manufacturer-Cable type-lot number-length marking per 1 m (customer print legend available on request) |
| Delivery length | 2100 m ±5% on plywood reel                                                                             |