

## 2 fibers optic cable SM 9/125/900 G657A2 fitted with LSZH-FR / UV reinforced cover. CPR Dca Euroclass



| MODEL  |                                | CFA-102D                             |
|--|--------------------------------|--------------------------------------|
| REF.   |                                | 8040                                 |
| Number of fibres                                   |                                | 2                                    |
| Core diameter and cladding                         |                                | 9 / 125 µm                           |
| Tight-fitting fibre cover                          | Diameter                       | 850 µm ±50 µm                        |
|  | Material                       | LSZH-FR-UV                           |
|  | Colour                         | Red - Green                          |
| Outer cover  | Outer diameter                 | 4 ±0.2 mm                            |
|  | Thickness                      | 0.8 mm ±0.05 mm                      |
|  | Material                       | LSZH-FR-UV                           |
|  | CPR                            | Dca-s2, d2, a2                       |
| Colour   |                                | Black                                |
| Reinforcement                                      |                                | Aramids (6 cavities of 3000 decitex) |
| Single-mode fibre type                             |                                | G657A2                               |
| Diameter of mode fields                            | 1310 nm                        | 8.8 ±0.4 µm                          |
|  | 1550 nm                        | 9.8 ±0.5 µm                          |
| Diameter of the cladding                           |                                | 124.8 ±0.7 µm                        |
| No circularity of the cladding                     |                                | ≤0.7 %                               |
| Concentricity error of the cladding                |                                | ≤0.5 µm                              |
| Diameter over primary protection                   |                                | 245 ±5 µm                            |
| Non-circularity of primary protection              |                                | ≤6.0 %                               |
| Primary protection concentration error             |                                | ≤12 µm                               |
| Cutting wavelength                                 |                                | $\lambda_{cc} \leq 1260$ nm          |
| Attenuation  | 1310nm                         | ≤0.4 dB/km                           |
|  | 1550nm                         | ≤0.3 dB/km                           |
| Radius loss curvature                              | 1 turn x radius 7.5mm @ 1550nm | ≤0.5 dB                              |
|  | 1 turn x radius 7.5mm @ 1625nm | ≤1.0 dB                              |
| Traction (static)                                  |                                | 250 N                                |
| Traction (dynamic-installation)                    |                                | 500 N                                |
| Crush resistance (static)                          |                                | 300 N/10 cm                          |
| Crush resistance (dynamic-installation)            |                                | 1000 N/10 cm                         |
| Minimum radius of curvature (static)               |                                | 5xØ Mm                               |
| Minimum radius of curvature (dynamic-installation) |                                | 10xØ Mm                              |
| Installation temperature range                     |                                | -10 ~ 50 °C                          |
| Operating temperature range                        |                                | -20 ~ 60 °C                          |
| Storage temperature range                          |                                | -20 ~ 60 °C                          |
| Weight   |                                | 22 Kg/km                             |

- 2 fibers optic cable fitted in both indoor and outdoor versions.
- LSZH-FR covers that allow their installation in all types of indoor installations.
- It has a high density of aramides, which gives it a traction of over 450N.

