

INDOOR/OUTDOOR DROP CABLE - KT Sheath

TIGHT BUFFER FIBRE-OPTIC CABLE



DESCRIPTION AND APPLICATION

One single fibre-optic drop cable for indoor/outdoor installations in FTTH networks. Totally dielectric with low macro-bend and micro-bend losses. Aramid yarns as traction resistance element. LSZH sheath with special smoke and fire performance. For transmission systems from 1310 nm. to 1625 nm.

CONSTRUCTION

- 1 optical fibre following ITU-T G.657.A2 recommendation.
- 900-µm LSZH tight buffer protection.
- Aramid yarns for traction-resistant reinforcement.
- UV-protected LSZH outer sheath (ivory or black)

Markings:

CABLESCOM / Year / Number of fibres / Type of fibre / Type of sheath / Length markings

PRODUCT INFORMATION

| Num. Fibres | Nominal OD (mm) | Nominal Weight (kg/km) |
|-------------|-----------------|------------------------|
| 1 | 3.0 | 9.0 |



| Mechanical characteristics | Standard | Test conditions |
|--|----------------------------|--------------------|
| Max. Tensile strength ($\Delta E_f \leq 0.50\%$) | UNE-EN 60794-1-2, Met.E1 | 300 N |
| Curvature (1 cycle) | UNE-EN 60794-1-2, Met. E11 | $r = 20 \times OD$ |
| Crush resistance | UNE-EN 60794-1-2, Met.E3 | 1000 N / 10 cm |
| Temperature cycling | UNE-EN 60794-1-2, Met.F1 | -10 °C / +60 °C |
| Flame propagation | UNE-EN 60332-1 | |
| Smoke density | UNE-EN 61034-2 | |

Fibre colour code: Green. Other colours under request.

Tight buffer colour code: Natural. Other colours under request.

Optical fibre characteristics: See Annexes – Optical fibre characteristics.

All drawings, weights and dimensions details, as well as tube and fibre colours in this document are only indicative and must not be considered contractual.

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TITLE
HP_EE1051900000100N_i

EDITION
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APPROVED BY
JJP

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