

# INDOOR/OUTDOOR DROP CABLE - KT Sheath

## TIGHT BUFFER FIBRE-OPTIC CABLE

### DESCRIPTION AND APPLICATION

2 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

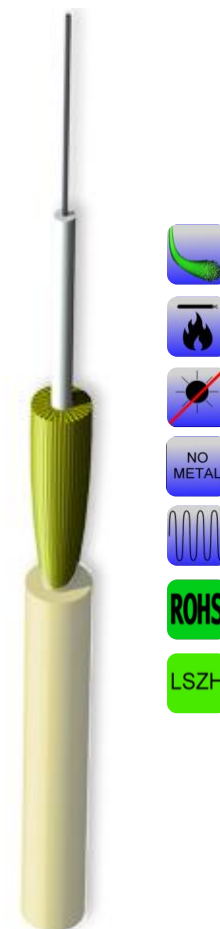
1. 2 Optical fibres following ITU-T G.657.A2.
2. 900-µm LSZH tight buffer.
3. Aramid yarns for traction-resistant reinforcement.
4. UV-protected LSZH outer sheath (ivory or black)

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)
2	4.0	15



Mechanical characteristics	Standard	Test conditions
Max. Tensile strength ( $\Delta\epsilon f \leq 0.50\%$ )	UNE-EN 60794-1-2, Met.E1	200 N
Curvature (1 cycle) ( $\alpha$ reversible)	UNE-EN 60794-1-2, Met. E11	d = 20 x OD
Crush resistance ( $\alpha$ reversible)	UNE-EN 60794-1-2, Met.E3	1000 N / 10 cm
Water penetration	UNE-EN 60794-1-2, Met.F5C	3m/1h
Temperature cycling	UNE-EN 60794-1-2, Met.F1	-10°C / +60°C
CPR class	EN 50575	Dca – s1, d1, a1

**Fibre colour code:** Red & Green. Other colours under request.

**Tight buffer colour code:** Red & Green. 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.

### Cables de Comunicaciones Zaragoza, SL.

Polígono de Malpica, calle D, nº 83. 50016 Zaragoza – Spain

+34 976 729 900 | +34 976 729 974

[www.cablescom.com](http://www.cablescom.com) | [comercial@cablescom.com](mailto:comercial@cablescom.com)

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APPROVED BY  
JJP

DATE  
2018-10-24