

Loose Tube KT

30 PAIR TELECOM CABLE, PE INSULATED, ARMOURED, OUTER PVC SHEATH



Description and application

Indoor/Outdoor drop cable with up to 8 fibres, totally dielectric, constituted by a single loose tube. Flame-retardant and halogen free sheath, KT type.

Can be installed on overhead lines, stapled on façade walls or pulled inside from the point of junction with the outside plant cables to the building or subscriber RIT.

Construction

- A single loose tube with up to 8 optical fibres in a central PBT tube filled with thixotropic compound. Colour code according to table 1.
- Optical fibres.
- Aramid yarns as traction-resistant reinforcement.
- Black, UV resistant and fire retardant thermoplastic, low smoke emission and halogen free.
- Markings:
 - CABLESCOM / Year / Number of fibres / Type of fibre / Type of sheath / Length markings
 - Other sheath marks available upon request

MODULARITY 12 FO / TUBE

FO No.	8
No. Micromodules/Tubes	1
Weight (kg/km)	53
Nominal OD (mm)	7
Maximum tensile strength MAT (N)	1250 N
	($\Delta E_f \leq 0.33\%$; $\Delta \alpha \leq 0.05$ dB)
Impact resistance	5 J
	r = 10 mm ($\Delta \alpha \leq 0.05$ dB)
Curvature	r = 15 x cable OD; 5 turns; 3 ciclos ($\Delta \alpha < 0.05$ dB)
Crush resistance	1200 N; 10 cm ($\Delta \alpha \leq 0.05$ dB)
Thermal cycle	-5°C / +60°C (operación, $\Delta \alpha \leq 0.05$ dB)
Water penetration	
Jacket Thickness / FRP Diam (mm)	