

Central Tube KSP

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



Description and application

“Central tube” type fibre-optic cables with aramid yarns, armoured with a steel tape for mechanical and rodent protection and polyethylene sheath.

This cable can be used for aerial lines, facades or can also be installed in ducts.

Construction

- Optical fibres.
- Jelly-filled PBT central tube.
- Aramid yarns.
- Corrugated copolymer-coated steel tape longitudinally applied with overlap.
- Polyethylene sheath.
- Markings:
 - CABLESCOM / Year / Number of fibres / Type of fibre / Type of sheath / Length markings

MODULARITY 12 FO / TUBE

FO No.	2	4	6	8	12	16	24
No. Micromodules/Tubes	1	1	1	1	1	1	1
Weight (kg/km)	81	81	81	81	81	91	91
Nominal OD (mm)	9,3	9,3	9,3	9,3	9,3	9,9	9,9
Maximum tensile strength MAT (N)	2700 N ($\epsilon_f < 0.5\%$)		2700 N ($\epsilon_f < 0.5\%$)			2800 N	
Impact resistance	5 J						
Curvature	300 mm, 3 impactos, $\Delta\alpha < 0.05$ dB						
Crush resistance	D=20 x \emptyset cable, $\Delta\alpha < 0.05$ dB						
Thermal cycle	1500 N, 10 cm						
Water penetration	-20°C / 60°C, $\Delta\alpha < 0.05$ dB						
Jacket Thickness / FRP Diam (mm)	LPagua \leq 3 m. (24 horas)						