

Outdoor Loose Tube KP

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



Description and application

Loose tube single mode optical fibre cable, totally dielectric up to 512 fibres. The tubes are filled with a thixotropic filling compound. Water blocking between the tubes is achieved by swellable dry elements. The core is protected by a polyethylene sheath, KP type.

Suitable for installation in ducts

Construction

- Loose Tubes: PBT loose tubes filled up to 8 optical fibres with thixotropic compound and containing single mode optical. Colour coding of tubes and fibres according to tables 1 and 2.
- * Optical fibres: single mode optical fibres according to ITU-T G.652 D.
- Central Element: Fibre-glass reinforced plastic central element.
- Core formation: Loose tubes stranded in SZ. Swellable yarns and tapes to avoid water penetration and make the cable waterproof.
- Mechanical reinforcement: Aramid yarns as traction resistant
- Outer jacket: Black polyethylene sheath.
- Sheath marking: The cables will be marked with the following information
 - CABLESCOM / Year / Fibre Num / Fibre Type / Sheath Type / Length markings
 - Other marks are available on request



Cables de Comunicaciones Zaragoza, SL.

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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.

 TITLE
 EDITION
 APPROVED BY
 DATE

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 O.salomon
 2018-02-27



MODULARITY 12 FO / TUBE											
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9	O No.	À	16	24	32	48	64	128	256	512	
No. Micro	modules/Tubes	Ţ	4	4 9	4	8	8	8	16	32	
Weig	nt (kg/km)	<i></i>	92	94	96	97	114	179	214	282	
Nomin	al OD (mm)		11,2	11,2	11,2	11,2	12,3	15,8	17,3	19,7	
Maximum tensile strength MAT (N)		3500				on g		Ž			
		(Δεf=0.05%, Δα≤0.05 dB)							r		
Impaci	resistence	3		S.	9	5	Ĵ		8		
			10 mm (Δα≤0.05 dB)								
Cu	rvature		R=15 x Ø cable; r ≥ 250 mm (Δα≤0.05 dB)								
Crush	Crush resistance 2000 N (Δα≤0.05 dB)				B						
Ther	Thermal cycle -25ºC / 70ºC (operación, Δα≤0.05 dB)										
Water penetration		LPagua ≤ 1 m (14 días)									
Jacket Thickne	ss / FRP Diam (mm)			-					-		



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Certified Company ISO 9001 - ISO 14001

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