Cable A-DQ2Y_12xn_LT

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



Description and application

Mini optic-fibre cables designed to be installed by blowing in micro-ducts.

Cables used for medium or long distance telecommunications networks and designed with single mode type ITU-T G652D or G657A1.

Construction

- Central element: Fibreglass reinforced plastic rod.
- Loose Tubes: PBT loose tubes filled with thixotropic compound. Optional fillers depending on the cable structure.
- Core formation: Tubes stranded in SZ.
- Core wrapping: Water-blocking tape and/or yarns to avoid water propagation
- Outer sheath: Black HDPE, UV resistant outer jacket with a ripcord.
- Sheath marking:
  - CABLESCOM - Num of fibres – Fibre type – Year/Month - “Batch Number” – Length Marks

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.

MODULARITY 12 FO / TUBE

FO No.	12	24	48	72	96	144	192	288
No. Micromodules/Tubes	1+5	2+4	4+2	6+0	8+0	12+0	1ª capa 8+0 2ª capa 8+6	1ª capa 9+0 2ª capa 15+0
Weight (kg/km)	26	25	25	24	35	55	70	76
Nominal OD (mm)	5,4	5,4	5,4	5,4	6,3	8	8,8	9,3
Maximum tensile strength MAT (N)	500 N				1000 N			
	(Δεf ≤ 0,6%, Δα ≤ 0,05 dB/km después del test)							
Impact resistence	2 J							
	300 mm Δα reversible (Δα ≤ 0,05 dB/km después del test)							
Curvature	R : 20 x ø cable; 4 turns; 3 ciclos							
Crush resistance	300 N/10 cm; 15 min; 3 posiciones (500mm apart) Δα reversible (Δα ≤ 0,1 dB/km después del test)							
Thermal cycle	-15 °C / 70 °C; Δα < 0.1 dB/km							
Water penetration	LP agua ≤ 3 m (24 horas); Sin fuga							
Jacket Thickness / FRP Diam (mm)								

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