

Cable A-DQ2Y_12xn_G657A1_200um_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 G657A1 200µm.

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

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	8,00	12+0	1ª capa 8+0 2ª capa 8+6	1ª capa 9+0 2ª capa 15+0
Weight (kg/km)	19	19	19	19	28	45	56	63
Nominal OD (mm)	4,5	4,5	4,5	4,5	5,2	6,8	7,7	8
Maximum tensile strength MAT (N)	200 N				1000 N			
	($\Delta\epsilon \leq 0,6\%$, $\Delta\alpha \leq 0,05$ dB/km después del test)							
Impact resistance	2 J							
	300 mm $\Delta\alpha$ reversible ($\Delta\alpha \leq 0,05$ dB/km después del test)							
Curvature	R : 20 x \emptyset cable; 4 turns; 3 ciclos							
Crush resistance	300 N/10 cm; 15 min; 3 posiciones (500mm aparte) $\Delta\alpha$ reversible ($\Delta\alpha \leq 0,1$ dB/km después del test)							
Thermal cycle	-20 °C / 70 °C; $\Delta\alpha < 0,1$ dB/km K61	-20 °C / 70 °C; $\Delta\alpha < 0,1$ dB/km K62	-20 °C / 70 °C; $\Delta\alpha < 0,1$ dB/km K63	-20 °C / 70 °C; $\Delta\alpha < 0,1$ dB/km K64	-20 °C / 70 °C; $\Delta\alpha < 0,1$ dB/km K65	-20 °C / 70 °C; $\Delta\alpha < 0,1$ dB/km K66	-20 °C / 70 °C; $\Delta\alpha < 0,1$ dB/km K67	-20 °C / 70 °C; $\Delta\alpha < 0,1$ dB/km K68
Water penetration	LP agua ≤ 3 m (24 horas); Sin fuga							
Jacket Thickness / FRP Diam (mm)								