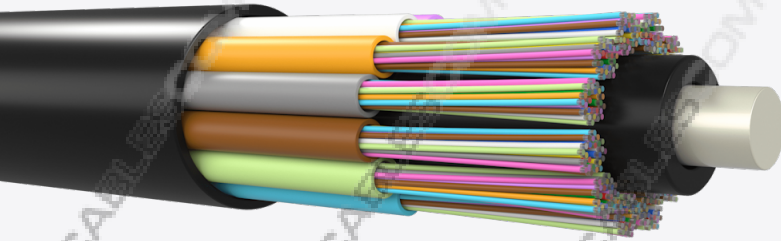


Cable A-DQ4Y_24xn_LT

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 with a polyamide sheath.

Cables used for medium or long distance telecommunications networks and designed with single mode type ITU-T G657A1 200µm

Construction

- Central element: Fibre-glass 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 Polyamide, 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.	96	144	192	216	288	384	576
No. Micromodules/Tubes	4+2	6+0	8+0	9+0	12+0	1ª capa 9+0 2ª capa 7+8	1ª capa 9+0 2ª capa 15+0
Weight (kg/km)	36	36	53	63	84	121	121
Nominal OD (mm)	6,2	6,2	7,2	7,7	9,4	11,1	11,1
Maximum tensile strength MAT (N)	500 N ($\Delta\epsilon_f \leq 0,6\%$, $\Delta\alpha \leq 0,05$ 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	500 N/10 cm; 15 min; 3 posiciones (500mm apart) $\Delta\alpha$ reversible ($\Delta\alpha \leq 0,1$ dB/km después del test)						
Thermal cycle	-15 °C / 70 °C; $\Delta\alpha < 0.1$ dB/km J76	-15 °C / 70 °C; $\Delta\alpha < 0.1$ dB/km J77	-15 °C / 70 °C; $\Delta\alpha < 0.1$ dB/km J78	-15 °C / 70 °C; $\Delta\alpha < 0.1$ dB/km J79	-15 °C / 70 °C; $\Delta\alpha < 0.1$ dB/km J80	-15 °C / 70 °C; $\Delta\alpha < 0.1$ dB/km J81	-15 °C / 70 °C; $\Delta\alpha < 0.1$ dB/km J83
Water penetration	LP agua ≤ 3 m (24 horas); Sin fuga						
Jacket Thickness / FRP Diam (mm)							