

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 | | | |
| | (Δεf ≤ 0,6%, Δα ≤ 0,05 dB/km después del test) | | | | | | | |
| Impact resistance | 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 aparte) Δα reversible (Δα ≤ 0,1 dB/km después del test) | | | | | | | |
| Thermal cycle | -20 °C / 70 °C; Δα < 0.1 dB/km K61 | -20 °C / 70 °C; Δα < 0.1 dB/km K62 | -20 °C / 70 °C; Δα < 0.1 dB/km K63 | -20 °C / 70 °C; Δα < 0.1 dB/km K64 | -20 °C / 70 °C; Δα < 0.1 dB/km K65 | -20 °C / 70 °C; Δα < 0.1 dB/km K66 | -20 °C / 70 °C; Δα < 0.1 dB/km K67 | -20 °C / 70 °C; Δα < 0.1 dB/km K68 |
| Water penetration | LP agua ≤ 3 m (24 horas); Sin fuga | | | | | | | |
| Jacket Thickness / FRP Diam (mm) | | | | | | | | |