

Cable A-D(ZN)2Y_7_4_CT

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



Description and application

Micro optic-fibre cables designed to be rapidly installed by blowing in micro-ducts De/Di 7/4 mm. Cables used for medium or long distance telecommunications networks and designed with single mode type ITU-T G652D or G657A1 of 200µm.

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Construction

- Optical Fibre: Optical fibre according to ITU-T 652D or G657A1 (200 µm).
- Central loose tubes: PBT loose tube filled with thixotropic compound.
- Reinforcement elements: Water-blocking aramid yarns.
- Outer sheath: Black HDPE, UV resistant outer jacket.
- Sheath marking:
 - CABLESCOM - Num of fibres - Fibre type - Year/Month - Batch Number - Length Marks

MODULARITY 12 FO / TUBE

| | | | | |
|----------------------------------|--|-----|-----|-----|
| FO No. | 4 | 6 | 12 | 24 |
| No. Micromodules/Tubes | 1 | 1 | 1 | 1 |
| Weight (kg/km) | 5,5 | 5,5 | 8 | 8 |
| Nominal OD (mm) | 2,5 | 2,5 | 2,8 | 2,8 |
| Maximum tensile strength MAT (N) | 100 N | | | |
| | $(\Delta\epsilon_f \leq 0,6\%, \Delta\alpha \leq 0,05 \text{ dB/km después del test})$ | | | |
| Impact resistance | 1 J | | | |
| | 300 mm $\Delta\alpha$ reversible ($\Delta\alpha \leq 0,05 \text{ dB/km después del test}$) | | | |
| Curvature | $\emptyset = 10 \times \emptyset \text{ cable}$; 4 turns; 3 ciclos | | | |
| Crush resistance | 300 N/10 cm; 1 min; 3 posiciones (500mm aparte) $\Delta\alpha$ reversible ($\Delta\alpha \leq 0,1 \text{ dB/km después del test}$) | | | |
| Thermal cycle | -20 °C / 70 °C; $\Delta\alpha < 0,1 \text{ dB/km}$ | | | |
| Water penetration | LP agua $\leq 3 \text{ m}$ (24 horas); Sin fuga | | | |
| Jacket Thickness / FRP Diam (mm) | | | | |