

## Cable A-D(ZN)2Y\_10\_6\_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 10/6 mm.

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

### Construction

- Optical Fibre: Optical fibre according to ITU-T 652D or G657A1.
- 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)	11	11	15	15
Nominal OD (mm)	3,7	3,7	4,1	4,1
Maximum tensile strength MAT (N)	250 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)				