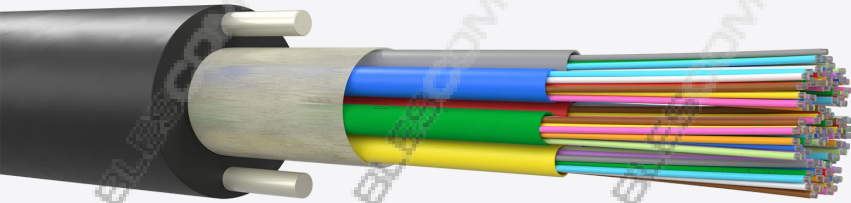


Outdoor Minicable

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



Description and application

Outdoor ultra-compact fibre optic cables with polyethylene sheath and fibre glass reinforcements embedded in the sheath. Designed for duct installation (by blowing) on small sized conduits.

These cables are designed for every kind of communication networks.

Construction

- Micromodules: easy strippable tube with 12 fibres.
- Core: SZ stranded micromodules without any central strength element.
- Longitudinal water tightness: WB yarns or tapes to avoid water propagation
- Strength elements: reinforcement elements embedded in the outer sheath.
- Outer jacket: High density polyethylene (HDPE), UV resistant.
- Sheath marking:
 - Year of manufacturing / CABLESCOM / Cable type / Number of fibres / Length markings.
 - Other sheath markings available upon request

MODULARITY 12 FO / TUBE

| | | | | | | | | | |
|----------------------------------|-------------------------------------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|
| FO No. | 12 | 24 | 36 | 48 | 72 | 96 | 144 | 192 | 288 |
| No. Micromodules/Tubes | 1 | 2 | 3 | 4 | 6 | 8 | 12 | 16 | 24 |
| Weight (kg/km) | 29 | 36 | 43 | 50 | 59 | 67 | 88 | 101 | 123 |
| Nominal OD (mm) | 5.7 | 6.4 | 7,3 | 7,8 | 8,8 | 9,5 | 10,8 | 11,6 | 12,8 |
| Maximum tensile strength MAT (N) | 850N | 1000N | 1100N | 1350N | 1450N | 1500N | 2100N | 2250N | 2600N |
| | (Δεf<0.5%, ΔLcâble<0.6%, Δα < 0,5 dB/km y reversible) | | | | | | | | |
| Impact resistance | 3J | | | | 5J | | | | |
| | (r = 10 mm, Tº 20°C, Δα reversible) | | | | | | | | |
| Curvature | D = 15 x cable OD 5 ciclos, Δα reversible (<0.1 dB) | | | | | | | | |
| Crush resistance | 1600 N / 100mm. 15 min, Δα<0.1 dB | 1601 N / 100mm. 15 min, Δα<0.1 dB | 2000 N / 100mm. 15 min, Δα<0.1 dB | 2001 N / 100mm. 15 min, Δα<0.1 dB | 2002 N / 100mm. 15 min, Δα<0.1 dB | 2003 N / 100mm. 15 min, Δα<0.1 dB | 2004 N / 100mm. 15 min, Δα<0.1 dB | 2005 N / 100mm. 15 min, Δα<0.1 dB | 2005 N / 100mm. 15 min, Δα<0.1 dB |
| Thermal cycle | -30°C / +60°C Δα< 0.1 dB y reversible -40°C / +70°C Δα reversible | | | | | | | | |
| Water penetration | LP agua ≤ 3 m (24 horas) (núcleo del cable) | | | | | | | | |
| Jacket Thickness / FRP Diam (mm) | 1.7/1,0 | 1.8/1.1 | 1,8/1,1 | 1,9/1,2 | 1,9/1,2 | 1,9/1,2 | 2,1/1,4 | 2,1/1,4 | 2,1/1,4 |