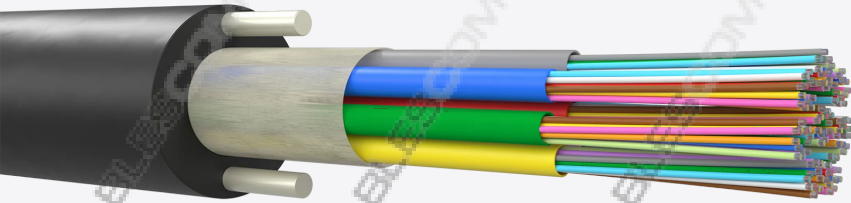


## Outdoor Minicable

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 20ºC, 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	2002 N / 100mm. 15 min, Δα<0.1 dB	2003 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	-30ºC / +60ºC Δα< 0.1 dB y reversible -40ºC / +70ºC 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