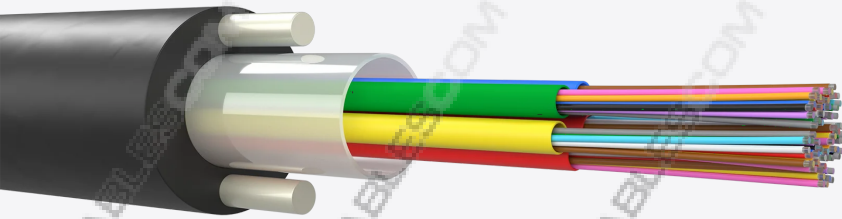


Cable ADSS Micromodules

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



Description and application

Outdoor compact fiber-optic cables with polyethylene sheath and fiberglass reinforcements. Designed for duct installation (by blowing or pulling) or aerial self-supported overhead lines.

Cables designed for all types of communication networks.

Construction

- Modules: Easy strippable jelly filled tube with 12 fibers
- Core: SZ stranded modules, without any central strength element. Aramid yarns included in the cable core.
- Longitudinal water tightness: WB yarns and/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:
 - CABLESCOM /Year - Month / Number and type of fiber - FO / ADSS / Length markings (in feet).
 - Other sheath markings available upon request.

MODULARITY 12 FO / TUBE

FO No.	12	24	36	48	60	60	72	96	144	288	432
No. Micromodules/Tubes	1	2	3	4	5	5	6	8	12	24	36
Weight (kg/km)	58	63	69	73	78	78	82	92	115	158	195
Nominal OD (mm)	8,5	9	9,5	9,8	10,2	10,2	10,5	11,3	13	15,6	17,5
Maximum tensile strength MAT (N)	3300 N	3350 N	3400 N	3450 N	3460 N	3300 N	3530 N	3850 N	4600 N	5560 N	6200 N
	($\Delta\epsilon < 0.5\%$, $\Delta L \text{ cable} < 0.6\%$, $\Delta\alpha < 0.5 \text{ dB y reversible}$)										
Impact resistance	5 J										
	$r = 300 \text{ mm}$, $T^\circ 20^\circ\text{C}$, $\Delta\alpha \text{ reversible}$										
Curvature	$D = 15 \times \text{Diameter}$ 5 cycles U-bend, $\Delta\alpha < 0.1 \text{ dB}$										
Crush resistance	2000 N, $\Delta\alpha < 0.1 \text{ dB}$ and reversible, 15 min 3000 N, $\Delta\alpha \text{ reversible}$										
Thermal cycle	$-40^\circ\text{C} / +70^\circ\text{C}$ $\Delta\alpha < 0.1 \text{ dB/km}$ et reversible										
Water penetration	$LP_{\text{water}} \leq 3 \text{ m}$ (168 hours) (Cable core)										
Jacket Thickness / FRP Diam (mm)											