

OPTICAL MICROCABLE - OUTDOOR

DESCRIPTION AND APPLICATION

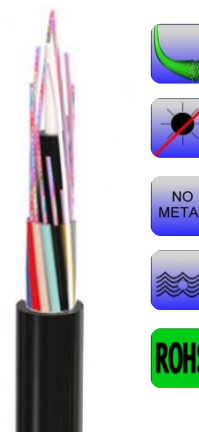
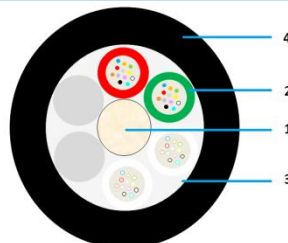
Microcable used for access, distribution, City network and FTTx applications. It is designed to be rapidly installed by blowing. High blowing distance due to the excellent friction properties of the outer sheath. These cables are designed for all types of communications networks.

CONSTRUCTION

1. Dielectric fibreglass-reinforced central element.
2. Jelly-filled PBT tube.
3. Water-blocking elements.
4. Outer sheath: Black HDPE, UV resistant outer jacket.

Marking:

Manufacturer (CABLESCOM) / Year / Number of fibres / Meter Length



PRODUCT INFORMATION

CODE	Num. Fibres	Fibres per tube	Active Tubes	Passive Tubes	Nominal weight (kg/km)	Nominal OD (mm)	Max. Inst. Tensile strength (N)	Max. Operation Tensile strength (N)
-	24	12	2	4	28	5.8	650	200
-	48	12	4	2	28	5.8	650	200
EE2G21A0000960WN	96	12	8	-	42	6.8	1300	400
-	192	24	8	-	93	10.5	2500	1200

Mechanical characteristics	Standard	Test conditions	Max. attenuation variation
Installation Maximum Tensile Strength ($\epsilon_f < 0.33\%$)	UNE-EN 60794-1-2, Met. E1	See table above	0.05 dB/km
Operation Maximum Tensile Strength ($\epsilon_f < 0.05\%$)	UNE-EN 60794-1-2, Met. E1	See table above	0.05 dB/km
Crush resistance	UNE-EN 60794-1-2, Met. E3	800 N/10 cm	0.05 dB
Impact resistance	UNE-EN 60794-1-2, Met. E4	1 J, r = 300 mm, 3 impacts	0.05 dB
Static bending	UNE-EN 60794-1-2, Met. E 11	r = 20 x Cable diameter	0.05 dB
Temperature cycling	UNE-EN 60794-1-2, Met. F1	-20°C / 60°C	0.1 dB/km
Water penetration	UNE-EN 60794-1-2, Met. F5C	LP _{water} ≤ 3 m (8 hours)	NA

COLOUR CODE

Fibre/Tube Colour Abbrev.	1	2	3	4	5	6	7	8	9	10	11	12
	Red	Blue	Green	Yellow	Violet	Natural	Orange	Black	Grey	Brown	Pink	Turquoise
	Rd	Bl	Gr	Ye	Vi	Nat	Or	Bk	Ge	Br	Pi	Tq

All drawings, weights and dimensions details, as well as tube and fibre colours in this document are only indicative and must not be considered contractual.

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Certified Company ISO 9001 – ISO 14001

TITLE
HP_EE2G21A_i

EDITION
0

APPROVED BY
D. Diestre

DATE
2017-04-28