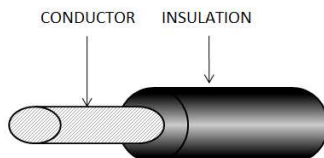


SINGLE CORE CABLES ACCORDING TO EN 50306-2



CONSTRUCTION:

- Conductor: flexible stranded annealed tinned copper wires
- Insulation: double layer of special copolymer compound according to EN 50306-2
 colour: black
 on request: available others colour

Marking: "METALLURGICA BRESCIANA EN 50306-2 300 V 1X... M week/year"

CODE "SPECIAL RISK LEVEL":

In relation to the level of risk and the level of expected performance cables objects of this specification, are required as identification codes, the level of risk include:

- for the insulating M code

Nom. size mm ²	n° x wire Ø	Cond. Nom. Ø mm	Cond. Max. Ø mm	Insul. Min. ≠ mm	External Ø Min. mm	External Ø Max. mm	Max. RE at 20 °C Ω/Km	Weight Kg/Km	Min. bend radius mm
0,5	19 x 0,18	0,84	0,95	0,18	1,15	1,45	40,1	6,2	6
0,75	37 x 0,16	1,08	1,15	0,18	1,35	1,65	26,7	8,5	7
1	37 x 0,18	1,2	1,3	0,18	1,45	1,8	20	10,5	8
1,5	37 x 0,23	1,44	1,65	0,22	1,95	2,3	13,7	15,7	10
2,5	37 x 0,30	1,82	2,15	0,28	2,5	2,85	8,21	26	12

						CABLE CODE
0	EMISSION	15/07/2021	2	3	1	Replace n.
REV.	DESCRIPTION	DATE	DRAWN UP	CONTROLLED	SEEN	SHEET 1 OF 12

s.p.aTechnical Dept.	TECHNICAL DATA SHEET	Specification N° 801.F7.550
----------------------	----------------------	-----------------------------

NOTE:

Sections 0,75 and 1,00 mm² is allowed training to 19 threads, respectively 19x0,23 mm and 19x0,25 mm, provided that all requirements of product performance are met

CHARACTERISTICS:

• Rated voltage U _o /U:	300/500 V
• Test voltage:	2000 V ac x 5'
• Temperature range:	-40°C +105°C
• Flame retardant:	EN 60332-1-2
• Non fire propagation:	EN 50305 par. 9.1.2
• Smoke density:	EN 61034-2
• Transmittance:	≥ 70 %
• Amount of halogen acid gas during the combustion:	EN 50267-2-1
• HCl:	≤ 0,5 %
• Degree of acidity of gasses (corrosivity)	EN 50267-2-2
• pH:	≥ 4,3
• conductivity:	≤ 10 μS/mm
• Fluorine content:	≤ 0,10 % EN 60684-2
• Toxicity index:	≤ 6 EN 50305 par. 9.2

						CABLE CODE
0	EMISSION	15/07/2021	2	3	1	Replace n.
REV.	DESCRIPTION	DATE	DRAWN UP	CONTROLLED	SEEN	SHEET 2 OF 12