



Construction

Conductor	Flexible bare copper wires Class V Acc.to UNE-EN 60228
Insulation	PVC (Type PVC/A) Identification: Up to 5 Cond: HD 308 (See attached table) >5 Cond: Black numbered + Green/Yellow
Assembly	Insulated conductors laid up together in concentric layers
Outer sheath	PVC (Type ST1) Standard colour: Black

Technical characteristics

Operating voltage	600/1000 V
Test Voltage	3500 V
Operating T^a	Fixed installation: -15°C a +70°C During installation: 0°C Min. Short-circuit (Max. 5 seg): 160°C (S ≤ 300mm ²) 140°C (S ≤ 300mm ²)
Min. bending radius	4xD (Diameter < 25mm) 5xD (Diameter between 25 - 50mm) 6xD (Diámetro > 50mm)

Application

Flexible power and control cables for use in fixed installations, when good versatility is required in complex installations.

* CPR:

Cable suitable to be installed under the requirements of the CPR (Construction Product Regulation (EU) N ° 305/2011) in accordance with the classification (Euroclass) specified in this document.

Standards/Properties

Ref. standard for drawing	UNE 21123-1, IEC 60502-1
CPR Classification (Euroclass)	Eca (According to UNE-EN 50575)
Flame Retardant	UNE-EN 60332-1 (IEC 60332-1)



Data

Code	NxS (mm2)	Ø (mm)	Weight (kg/km)	Rt (Ohm/Km)	I (A), 30°C	I (A) Und, 20°C
00118100	6G1,5	12.1	211	13.3	22	21
00119600	7G1,5	12.1	226	13.3	22	21
00121400	8G1,5	13.1	256	13.3	22	21
00123700	10G1,5	14.1	301	13.3	22	21
00126100	12G1,5	15	347	13.3	22	21
00127400	14G1,5	15.9	392	13.3	22	21
00128600	16G1,5	16.9	443	13.3	22	21
00131000	20G1,5	17.9	528	13.3	22	21
00133300	24G1,5	19.6	609	13.3	22	21
00136900	30G1,5	23.1	721	13.3	22	21
00139300	37G1,5	23.1	867	13.3	22	21
00141600	44G1,5	25.4	1027	13.3	22	21
00144000	52G1,5	27.3	1195	13.3	22	21
00145100	61G1,5	29.1	1392	13.3	22	21
00108600	3G2,5	12.5	200	7.98	29	28
00118300	6G2,5	14.1	300	7.98	29	28
00119700	7G2,5	14.1	324	7.98	29	28
00121500	8G2,5	15.1	464	7.98	29	28
00123800	10G2,5	16.5	437	7.98	29	28
00126200	12G2,5	18	511	7.98	29	28
00127500	14G2,5	19.1	580	7.98	29	28
00128700	16G2,5	20.1	656	7.98	29	28
00131100	20G2,5	21.3	786	7.98	29	28
00133400	24G2,5	23.4	907	7.98	29	28
00135800	27G2,5	24.6	1132	7.98	29	28
00137000	30G2,5	25.1	1230	7.98	29	28
00139400	37G2,5	26.3	1431	7.98	29	28
00119800	7G4	15.7	448	4.95	40	38
00119900	7G6	17.5	598	3.3	51	47

Legend

- Code** Cervi codification
- NxS (mm2)** Number of conductors x Section (mm2)
- Ø (mm)** Aprox. outer diameter (mm)
- Weight (kg/km)** Approximate cable weight (kg/km)
- Rt (Ohm/Km)** Conductor resistance at 20°C (Ohm/km)
- I (A), 30°C** Max. current capacity (A), air (T^a 30°C)
- I (A) Und, 20°C** Max. current capacity (A), underground. (T^a20°C)

Colour code

N°CONDUCTORS	INSULATION COLOUR
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N°CONDUCTORS	INSULATION COLOUR
2	Blue, Brown
3G	Blue, Brown, Yellow/Green
3x	Brown, Black, Grey
4G	Brown, Black, Grey, Yellow/Green
4x	Blue, Brown, Black, Grey
5G	Blue, Brown, Black, Grey, Yellow/Green
>5	Black numbered + Yellow/Green