



Construction

Conductor	Flexible bare copper wires Class V Acc. to UNE-EN 60228
Insulation	XLPE (Type DIX3) Identification: Up to 5 Cond: HD 308 (See table) >5 Cond: Black numbered + Yellow/Green
Assembly	Insulated conductors laid-up together in concentric layers
Screen	Separator in Polyester tape Bare copper wire braid Coverage: 60% aprox.
Outer sheath	PVC (Type DMV18) Colour standard: Black

Technical characteristics

Operating voltage	600/1000 V
Test Voltage	3500 V
Operating T^a (conductor)	Fixed installation: -15°C a +90°C During installation: 0°C Minimum Shortcut (Max. 5 seg): 250°C
Min. bending radius	10xD

Application

Flexible screened power and control cable for fixed installations. Especially recommended for sites where good protection against electromagnetic interference is required.

*CPR:

Cable suitable for installation under the requirements of CPR (Construction Product Regulation (EU) N°305/2011) according to the classification (Euroclass) specified in this document.

Standards

Ref. for construction/drawing	IEC 60502-1
CPR Classification (Euroclass)	Eca (According UNE-EN 50575)
Flame Retardant	UNE-EN 60332-1 (IEC 60332-1)



Constructive Data

Code	NxS (mm ²)	Ø (mm)	Weight (kg/km)	R at 20°C (Ohm/Km)	I (A), 30°C	I (A) Und, 20°C
03901800	1x10	8.7	133	1.91	81	68.5
03901900	1x16	10.2	189	1.21	108	89.5
03902000	1x25	12.1	300	0.78	140	114
03902100	1x35	13.3	400	0.554	174	137
03902200	1x50	15.2	665	0.386	211	163
03902300	1x70	17.4	851	0.272	272	200
03902400	1x95	19	1085	0.206	331	237
03902500	1x120	21.6	1340	0.161	385	270
03902600	1x150	23.7	1630	0.129	445	305
03902700	1x185	26.2	1900	0.106	510	341
03902800	1x240	29.1	2400	0.0801	602	394
03902900	1x300	29.6	2830	0.0641	703	396
03905500	2x1.5	9.3	112	13.3	24.5	24
03908400	3G1.5	9.7	117	13.3	24.5	24
03913300	4G1.5	10.5	147	13.3	21.5	21
03916200	5G1.5	11.7	179	13.3	21.5	21
03919600	7G1.5	12	233	13.3	21.5	21
03923700	10G1.5	15.5	337	13.3	21.5	21
03926100	12G1.5	15.8	350	13.3	21.5	21
03927400	14G1.5	16.9	443	13.3	21.5	21
03928600	16G1.5	17.9	501	13.3	21.5	21
03931000	20G1.5	18.3	600	13.3	21.5	21
03933300	24G1.5	21.3	742	13.3	21.5	21
03936900	30G1.5	22.5	850	13.3	21.5	21
03905700	2x2.5	10.3	163	7.98	33.5	32
03908600	3G2.5	10.7	190	7.98	33.5	32
03913500	4G2.5	11.7	225	7.98	30	27
03916300	5G2.5	12.7	280	7.98	30	27
03919700	7G2.5	14.2	350	7.98	30	27
03921500	8G2.5		413	7.98	30	27
03926200	12G2.5	19.9	542	7.98	30	27
03928700	16G2.5	22.1	700	7.98	30	27
03908800	3G4	11.9	260	4.95	46	41.5
03913700	4G4	12.9	330	4.95	39.5	34.5
03916400	5G4	14	410	4.95	39.5	34.5
03908900	3G6	13.2	360	3.3	59	52.5
03913800	4G6	14.2	460	3.3	50.5	43.5
03916500	5G6	16	690	3.3	50.5	43.5
03908000	3G10	15.8	645	1.91	81	68.5

Code	NxS (mm ²)	Ø (mm)	Weight (kg/km)	R at 20°C (Ohm/Km)	I (A), 30°C	I (A) Und, 20°C
03913900	4G10	17.2	820	1.91	70.5	57
03916600	5G10	18.8	860	1.91	70.5	57
03906100	2x16	17	500	1.21	108	89.5
03914000	4G16	20	900	1.21	94	74.5
03916700	5G16	21.7	1295	1.21	94	74.5
03914100	4G25	24.5	1570	0.78	119	95
03914200	4G35	27.5	2070	0.554	148.5	115
03914300	4G50	34.6	3015	0.386	180.5	135
03914400	4G70	46	4600	0.272	231	167
03914500	4G95	50	6060	0.206	280	198
03909800	3G150	45.3	4777	0.129	445	304
03914900	4G150	63	9614	0.129	371	256
03909900	3G185	50.5	5694	0.106	510	341

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)
- R at 20°C (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
2x	Blue, Brown
3G	Blue, Brow, Yellow/Green
3x	Brown, Black, Grey
4G	Brown, Black, Grey, Yellow/Green
4x	Blue, Brown, Black, Grey
5	Blue, Brown, Black, Grey, Yellow/Green
>5	Black numbered + Yellow/Green