CERVIFLEX FLAT NGFLGOEU
Flat rubber cables

Construction

Conductor	Flexible bare copper wires acc. to UNE-EN 60228
	Class VI: sectional area < 35mm2
	Class V: sectional area up from 35mm2 (inclusive)
Insulation	EPR Rubber (Type 3GI3)
	Identification: HD 308 S2. See attached table.
Assembly	Flat (insulated conductors arranged in parallel)
Outer sheath	CR Rubber (Type 5GM3)
	Colour: Black

Technical characteristics

Operating voltage	600/1000 V
	(*According to VDE: Up to 300/500V)
Operating Tª	Fixed service: -50°C a +90°C
	Mobile service: -35°C a +90°C
	Short-circuit: 250°C Max. (5 seg.)
Min. bending radius	Fixed service: 4xD
	Mobile service: 5xD
Movement speed	180 m/min (Festoon)

Application

Flexible flat rubber control cable for mobile applications, where the cables are bended together on a single level (cable trolley). Suitable for dry, wet and wet locations and for outdoor use.

Standards / Properties

Ref. standard for drawing	Based on DIN VDE 0250 part 809
Flame Retardant	VDE 0482-332-1-2/IEC 60332-1-2
Oil resistant	EN 60811-404
Other characteristics	UV Resistant
	Ozone Resistant

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Code:
Family: 006
Revision: 4
Date: 21/11/2023

Realized:

Approved:

Constructive data

Code	NxS (mm2)	Dimesiones exteriores	Weight (kg/km)	R at 20°C (Ohm/Km)	I (A), 30°C	Tr. Max (N)
00613300	4G1.5	17.5x6.4	220	13.7	23	90
00616200	5G1.5	21.5x6.4	280	13.7	23	112
00619600	7G1.5	29.1x6.4	380	13.7	23	157
00621400	8G1.5	32x6.4	420	13.7	23	180
00623700	10G1.5	41.5x7	580	13.7	23	225
00626100	12G1.5	48.5x7	690	13.7	23	270
006261VI	12G1.5 CL.6	47.1x6.5	620	13.7	23	270
00633300	24G1.5	72.5x17	2300	13.7	23	540
00613500	4G2.5	21.2x8.2	350	8.21	31	150
00616300	5G2.5	25.7x8.2	430	8.21	31	187
00619700	7G2.5	34x8.2	560	8.21	31	262
00621500	8G2.5	38.5x8.2	630	8.21	31	300
00623800	10G2.5	47.9x8.2	680	8.21	31	375
00626200	12G2.5	56.8x8.8	1020	8.21	31	450
00633400	24G2.5	68.2x16.2	1480	8.21	31	900
00613700	4G4	25x9.6	490	4.95	42	240
00616400	5G4	31.4x9.6	630	4.95	42	300
00619800	7G4	40.8x9.6	830	4.95	42	420
00613800	4G6	27.1x10.3	600	3.3	54	360
00616500	5G6	34.5x10.3	780	3.3	54	450
00619900	7G6	44.5x10.3	1010	3.3	54	630
00613900	4G10	33.4x11.2	840	1.91	75	600
00614000	4G16	38.8x13.1	690	1.21	100	960
00616600	5G10	41.5x11.2	1060	1.95	75	750
00616700	5G16	47.6x13.1	1540	1.21	100	1200
00614100	4G25	48.1x15	1650	0.78	127	1500
00616800	5G25	58.6x15.5	2160	0.78	127	2625
00614200	4G35	53.3x17	2200	0.554	158	2100
00620405	7G35	88.2x17.1	3820	0.554	158	3675
00614300	4G50	61.5x19.6	3000	0.386	192	1500
00614400	4G70	70.5x22.6	4250	0.272	246	4200
00614500	4G95	78.7x25.2	5300	0.206	298	5700
00614800	4G120	86.7x27.6	6500	0.129	346	7200

Legend

Code	Cervi codification
NxS (mm2)	Number of conductors x Section (mm2)
Weight (kg/km)	Approximate cable weight (kg/km)
R at 20°C (Ohm/Km)	Conductor resistance at 20ºC (Ohm/km)
I (A), 30°C	Max. current capacity (A), air (Tª 30°C)

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Colour table

N° Conductores	Color de aislamiento
2x	Blue, Brown
3x	Brown, Black, Grey
3G	Blue, Brown, Yellow/Green
4x	Blue, Brown, Black, Grey
4G	Brown, Black, Grey, Yellow/Green
5x	Blue, Brown, Black, Grey, Black
5G	Blue, Brown, Black, Grey, Yellow/Green
> 5 (G)	Black numbered + Yellow/Green
> 5 (x)	Black numbered

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