CERVIFLEX H07RN-F 450/750V CPR
Rubber cables

Construction

Conductor	Flexible bare copper wires
	Class V Acc. to UNE-EN 60228
Insulation	Elastomer cross-linked compound, RUBBER (Type EI4)
	Identification: HD 308 S2 (see attached table)
Assembly	Insulated conductors laid up in concentric layers
Outer sheath	Elastomer cross-linked compound, RUBBER (Type EM2)
	Stadard colour: Black

Technical characteristics

Operating voltage	450/750 V
Test Voltage	3500 V
Operating T[a] (conductor)	Fixed service (protected installation): -40°C to +90°C
	Mobile service: -25°C to +90°C
	During installation: -25°C
	Short-circuit (Max. 5 seg): 250°C
Min. bending radius	Fixed installation:
	3xD (Diameter <= 12 mm)
	4xD (Diameter > 12 mm)
	Free movement:
	5xD (Diameter <= 12 mm)
	6xD (Diameter >12 mm)

Application

Flexible, robust and high resistant cable with rubber insulation and sheath. Especially recommended for use in industrial environments both for mobile and fixed applications: In industrial and agricultural workshops, buildings, for applications and supply of appliances for demanding services in which the cables are subjected to weak mechanical stresses, for example, vacuum cleaners, kitchen appliances, soldering irons, portable tools, portable inspection lamps, etc ... Likewise, suitable for feeding of submersible pumps used for lifting water from wells (for example bailing pumps).

* 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. for construction/drawing	UNE-EN 50525-2-21
CPR Classification (Euroclass)	Eca
	(According to UNE-EN 50575)
Flame Retardant	UNE-EN 60332-1 (IEC 60332-1)
Other characteristics	· Resistance to fats and oils: Excellent
	· Resistance to chemical attacks: Excellent

flame retardant · flexible cable · oil resistant · water resistant · chemical resistance · CE · RoHS compliant · CPR compliant EN 50575

Code: 267
Family: 267
Revision: 3
Date: 30/06/2017

Realized: **Approved:**

Data

Code	NxS (mm2)	Ø (mm)	Weight (kg/km)	R at 20°C (Ohm/Km)	I max (A), 30°C Fix	I max (A), 30°C Mb
26701400	1x1.5	5.9	50	13.3	26	16
26701500	1x2.5	6.6	80	7.98	36	25
26701600	1x4	7.4	85	4.95	49	34
26701700	1x6	8.2	110	3.3	63	43
26701800	1x10	10	175	1.91	74	53
26701900	1x16	11.2	240	1.21	101	71
26702000	1x25	13.2	350	0.78	135	94
26702100	1x35	14.7	465	0.554	169	117
26702200	1x50	17	635	0.386	207	147
26702300	1x70	18.9	850	0.272	268	185
26702400	1x95	21.4	1100	0.206	328	222
26702500	1x120	23.4	1375	0.161	383	260
26702600	1x150	25.8	1695	0.129	444	300
26702700	1x185	28.1	2045	0.106	510	341
26702800	1x240	31.3	2635	0.0801	607	407
26702900	1x300	34.5	3275	0.0641	703	468
26703000	1x400	39.3	4275	0.0486	823	553
26703100	1x500			0.0384		
26705400	2x1	7.5	80	19.5	21	10
26705500	2x1.5	8.3	100	13.3	26	16
26705700	2x2.5	9.8	145	7.98	36	25
26705800	2x4	10.9	200	4.95	49	34
26705900	2x6	12.4	265	3.3	63	43
26706000	2x10	17.5	485	1.91	86	60
26706100	2x16	19.9	665	1.21	115	79
26706200	2x25	24.8	1010	0.78	149	105
26706300	2x35	27.4	1295	0.554	185	130
	2x50	32	1780	0.386	225	165
	2x70	36	2350	0.272	289	205
26708300	3G1	8.2	100	19.5	21	10
26708400	3G1.5	9.2	130	13.3	26	16
26708600	3G2.5	10.8	185	7.98	36	25
26708800	3G4	12.4	260	4.95	49	35
26708900	3G6	14	345	3.3	63	44
26709000	3G10	20	640	1.91	86	62
26709100	3G16	21.8	855	1.21	115	82
26709200	3G25	26.3	1270	0.78	149	109
26709300	3G35	29.1	1655	0.554	185	135
26709400	3G50	33.5	2255	0.386	225	169
26709500	3G70	37.3	2970	0.272	289	211
26709600	3G95	44	3935	0.206	352	250
26709700	3G120	47.5	4840	0.161	410	292

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26713200	4G1	9	120	19.5	17	10
26713300	4G1.5	10.3	160	13.3	23	16
26713500	4G2.5	11.9	230	7.98	32	20
26713700	4G4	14.1	325	4.95	42	30
26713800	4G6	15.6	435	3.3	54	37
26713900	4G10	21.4	775	1.91	75	52
26714000	4G16	24.3	1080	1.21	100	69
26714100	4G25	29.8	1630	0.78	127	92
26714200	4G35	32.7	2115	0.554	158	114
26714300	4G50	37.9	2895	0.386	192	143
26714400	4G70	41.8	3825	0.272	246	178
26714500	4G95	47.4	4980	0.206	298	210
26714800	4G120	52.3	6165	0.161	346	246
26714700	4G150	57.5	7605	0.129	399	292
26714600	4G185	63.1	9205	0.106	456	319
26711700	4G240	74	13120	0.0801		365
26716100	5G1	9.8	145	19.5	17	10
26716200	5G1.5	11.1	190	13.3	23	16
26716300	5G2.5	13.1	280	7.98	32	20
26716400	5G4	15.3	400	4.95	42	30
26716500	5G6	17.7	545	3.3	54	38
26716600	5G10	23.7	945	1.91	75	54
26716700	5G16	26.9	1320	1.21	100	71
26716800	5G25	32.9	1995	0.78	127	94
26716900	5G35	35.8	2560	0.554	158	114
26717000	5G50	42.2	3575	0.386	192	143
26717100	5G70	46.7	4715	0.272	246	178
26718700	5G95	52.5	6105	0.206	298	210
26720500	5G120	57.2	7500	0.161	346	246
26719600	7G1.5	14.5	305	13.3	26	16
26719700	7G2.5	16.6	430	7.98	36	25
26719800	7G4	20.2	635	4.95	49	34
26721400	8G1.5	15.5	350	13.3	26	16
26721500	8G2.5	18.1	500	7.98	36	25
26721600	8G4	21.8	735	4.95	49	34
26726100	12G1.5	17.1	445	13.3	26	16
26726200	12G2.5	19.6	635	7.98	36	25
26726300	12G4	24.3	945	4.95	49	34
26728600	16G1.5	19.6	580	13.3	26	16
26728700	16G2.5	22.5	845	7.98	36	25
26729800	18G1.5	20.2	640	13.3	26	16
26729900	18G2.5	23.3	915	7.98	36	25
26730100	19G1.5	21.1	670	13.3	26	16

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Code	NxS (mm2)	Ø (mm)	Weight (kg/km)	R at 20°C (Ohm/Km)	I max (A), 30°C Fix	I max (A), 30°C Mb
26733300	24G1.5	23.1	815	13.3	26	16
26733400	24G2.5	27	1185	7.98	36	25

Leyenda

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 20ºC (Ohm/km)
I max (A), 30°C Fix	Max. current capacity (A), air (30°C) fixed inst
I max (A), 30°C Mb	Max. current capacity (A), air (30°C) mobile inst

Colour table

N° Conductors	Insulation colour
2	Blue, Brown
3G	Blue, Brow, 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 (G)	Black numbered + Yellow/Green

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