

Power cable < 1 kV, for flexible applications Bouwflex H07RN-F



Application	: Flexible neoprene cable for use in industrial environments. Suitable for heavy duty applications.
TECHNICAL DATA	: TYPE H07RN-F
Remarks	: UV and ozon resistant. Good oil resistant. Bending radius acc. to VDE 0298 part 3.
Conductor material	: Copper, bare
Conductor category	: Class 5 = flexible
Stranding element	: No
Core insulation material	: Rubber - ethylene propylene rubber (EPR)
Suspension element	: None
Inner sheath	: No
Screen over stranding element	: None
Screen	: No
Model	: Round
Screen over stranding	: None
Flame retardant	: No
Material outer sheath	: Rubber - polychloroprene (CR)
Colour outer sheath	: Black
Halogen free (acc. EN 60754-1/2)	: No
Oil resistant (acc. EN 60811-404)	: No
Low smoke (acc. BS EN 61034-2)	: No
Low temperature resistant (acc. EN 60811-504+505+506)	: Yes
Permitted cable outer temperature during assembling/handling	: -30°C to 60°C
Permitted cable outer temperature after assembling without vibration	: -40°C to 60°C
Max. conductor temperature	: 60°C
Nominal voltage U0	: 450V
Core protecton	: No
Nominal voltage U	: 750V
Reaction-to-fire class according to EN 13501-6	: Eca
Conductor surface	: Bare
Specification core insulation	: Rubber - ethylene propylene rubber (EPR) : Yes
Specification material outer sheath	: Polychloroprene (PCP) : Round
Shape of conductor	: Round



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ProductNr	Dimension	Protective conductor	Core identification	Outer diameter approx. (mm)	Bending radius (mm)	(Ohm/km)
0134102	2 x 1	No	Colour	10	40	19.5
0134103	3 x 1	Yes	Colour	10.7	42.8	19.5
0134104	4 x 1	Yes	Colour	11.9	47.6	19.5
0134118	18 x 1	Yes	Numbers	20.5	123	19.5
0134202	2 x 1.5	No	Colour	11	44	13.3
0134203	3 x 1.5	Yes	Colour	11.9	47.6	13.3
0134204	4 x 1.5	Yes	Colour	13.1		13.3
0134205	5 x 1.5	Yes	Colour	14.4		13.3
0134207	7 x 1.5	Yes	Numbers	17.5		13.3
0134212	12 x 1.5	Yes	Numbers	22.4	134.4	13.3
0134219	19 x 1.5	Yes	Numbers	26.3	157.8	13.3
0134220	24 x 1.5	Yes	Numbers	28	168	13.3
0135211	1 x 2.5	No	Colour	7.9	31.6	7.98
0134302	2 x 2.5	No	Colour	13.1		7.98
0134303	3 x 2.5	Yes	Colour	14		7.98
0134304	4 x 2.5	Yes	Colour	15.5		7.98
0134305	5 x 2.5	Yes	Colour	17		7.98
0134307	7 x 2.5	Yes	Numbers	20	120	7.98
0134631	12 x 2.5	Yes	Numbers	26.2	157.2	7.98
0134221	19 x 2.5	Yes	Numbers	31	186	7.98
0134632	24 x 2.5	Yes	Numbers	36.4	218.4	7.98
0134402	2 x 4	No	Colour	15.1		4.95
0134403	3 x 4	No	Colour	16.2		4.95
0134404	4 x 4	Yes	Colour	17.9		4.95
0134405	5 x 4	Yes	Colour	19.9		4.95
0135213	1 x 6	No	Colour	9.8	39.2	3.3
0134105	2 x 6	Yes	Colour	16.8		3.3
0134503	3 x 6	Yes	Colour	18		3.3
0134504	4 x 6	Yes	Colour	20	120	3.3
0134505	5 x 6	Yes	Colour	22.2	133.2	3.3
0134580	1 x 10	No	Colour	11.9	47.6	1.91
0134603	3 x 10	Yes	Colour	24.2	145.2	1.91
0134604	4 x 10	Yes	Colour	26.5	159	1.91
0134605	5 x 10	Yes	Colour	29.1	174.6	1.91
0134208	1 x 16	No	Colour	13.4		1.21
0134606	2 x 16	No	Colour	25.7	154.2	1.21
0134607	3 x 16	Yes	Colour	27.6	165.6	1.21
0134608	4 x 16	Yes	Colour	30.1	180.6	1.21
0134612	5 x 16	Yes	Colour	33.3	199.8	1.21



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ProductNr	Dimension	Protective conductor	Core identification	Outer diameter approx. (mm)	Bending radius (mm)	(Ohm/km)
0134600	1 x 25	No	Colour	15.8		0.78
0134506	3 x 25	Yes	Colour	33	198	0.78
0134508	4 x 25	Yes	Colour	36.6	219.6	0.78
0134507	5 x 25	Yes	Colour	40.4	242.4	0.78
0134210	1 x 35	No	Colour	17.9		0.554
0134610	4 x 35	Yes	Colour	41.1	246.6	0.554
0134406	5 x 35	Yes	Colour	45.8	274.8	0.554
0134581	1 x 50	No	Colour	20.6	123.6	0.386
0134515	4 x 50	Yes	Colour	47.5	285	0.386
0134516	5 x 50	Yes	Colour	50.8	304.8	0.386
0134602	1 x 70	No	Colour	23.3	139.8	0.272
0134609	4 x 70	Yes	Colour	54	324	0.272
0134509	5 x 70	Yes	Colour	58.6	351.6	0.272
0134645	1 x 95	No	Colour	26	156	0.206
0134613	4 x 95	Yes	Colour	61	366	0.206
0134510	5 x 95	Yes	Colour	60.7	364.2	0.206
0134700	1 x 120	No	Colour	28.6	171.6	0.161
0134702	4 x 120	Yes	Colour	66	396	0.161
0134660	1 x 150	No	Colour	31.4	188.4	0.129
0134517	4 x 150	Yes	Colour	73	438	0.129
0134650	1 x 185	No	Colour	34.4	206.4	0.106
0134518	4 x 185	Yes	Colour	80	480	0.106
0134630	1 x 240	No	Colour	38.3	229.8	0.0801
0134634	1 x 300	No	Colour	41.9	251.4	0.0641