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## Power cable < 1 kV, for flexible applications Ecoflex HHmb



**Application** : Flexible control cable for industrial and security installations, cable is completely halogenfree. Low smoke and flame retardant acc. to IEC 60332-1-2 and IEC 60332-3-24. The material can be recycled and is eco-friendly.

**TECHNICAL DATA** : TYPE HHmb

**Remarks** : Ozone resistant acc. to EN50396.

Conductor material	: Copper, bare
Stranding element	: No
Conductor category	: Class 5 = flexible
Core insulation material	: Polyolefin
Core identification	: Numbers
Suspension element	: None
Inner sheath	: No
Screen over stranding element	: None
Screen	: No
Screen over stranding	: None
Model	: Round
Colour outer sheath	: Grey
Material outer sheath	: Polyolefin
Flame retardant	: In accordance with EN 60332-3-24
Halogen free (acc. EN 60754-1/2)	: Yes
Oil resistant (acc. EN 60811-404)	: No
Low smoke (acc. BS EN 61034-2)	: Yes
Low temperature resistant (acc. EN 60811-504+505+506)	: No
Permitted cable outer temperature during assembling/handling	: -15°C to 70°C
Permitted cable outer temperature after assembling without vibration	: -40°C to 70°C
Max. conductor temperature	: 70°C
Nominal voltage U0	: 500V
Core protecton	: No
Nominal voltage U	: 500V
Reaction-to-fire class according to EN 13501-6	: Eca
Conductor surface	: Bare
Specification core insulation	: Other
	: No
Specification material outer sheath	: Other
	: Round



Shape of conductor

: Round

ProductNr	Dimension	Protective conductor	Outer diameter approx. (mm)
0140302	2 x 0.5	No	4.8
0140303	3 x 0.5	Yes	5.1
0140304	4 x 0.5	Yes	5.5
0140307	7 x 0.5	Yes	6.8
0140402	2 x 0.75	No	5.2
0168402	2 x 0.75	No	5.2
0140404	4 x 0.75	Yes	6.2
0140405	5 x 0.75	Yes	6.8
0140406	6 x 0.75	Yes	7.6
0140407	7 x 0.75	Yes	7.6
0140408	8 x 0.75	Yes	9
0140410	10 x 0.75	Yes	9.6
0140412	12 x 0.75	Yes	9.9
0140418	18 x 0.75	Yes	12
0140425	25 x 0.75	Yes	13.9
0140502	2 x 1	No	5.5
0168502	2 x 1	No	5.5
0140503	3 x 1	Yes	6.1
0140504	4 x 1	Yes	6.6
0140505	5 x 1	Yes	7.2
0140506	6 x 1	Yes	8
0140507	7 x 1	Yes	8
0140508	8 x 1	Yes	9.5
0140512	12 x 1	Yes	10.7
0168512	12 x 1	Yes	10.7
0140518	18 x 1	Yes	12.7
0140525	25 x 1	Yes	14.9
0140534	34 x 1	Yes	17.2
0140602	2 x 1.5	No	6.3
0140603	3 x 1.5	Yes	6.7
0140604	4 x 1.5	Yes	7.5
0140605	5 x 1.5	Yes	8.2
0140607	7 x 1.5	Yes	9.1
0140610	10 x 1.5	Yes	11.8
0140612	12 x 1.5	Yes	12.1
0140625	25 x 1.5	Yes	16.8
0140634	34 x 1.5	Yes	19.6
0140702	2 x 2.5	No	7.7
0140703	3 x 2.5	Yes	8.2
0140704	4 x 2.5	Yes	9.1
0140707	7 x 2.5	Yes	11.1
0140712	12 x 2.5	Yes	15



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<b>ProductNr</b>	<b>Dimension</b>	<b>Protective conductor</b>	<b>Outer diameter approx. (mm)</b>
0140807	7 x 4	Yes	13.4
0140904	4 x 6	Yes	12.8
0141004	4 x 10	Yes	15.9