



# JOBARCO

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



**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 HCHmb

**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	: Yes
Screen over stranding	: Braiding
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)
0141302	2 x 0.5	No	5.5
0141303	3 x 0.5	Yes	5.9
0141402	2 x 0.75	No	5.8
0178402	2 x 0.75	No	5.8
0141403	3 x 0.75	Yes	6.3
0141404	4 x 0.75	Yes	6.8
0178404	4 x 0.75	Yes	6.8
0141405	5 x 0.75	Yes	7.4
0141406	6 x 0.75	Yes	8.2
0141407	7 x 0.75	Yes	8.2
0141408	8 x 0.75	Yes	9.6
0141412	12 x 0.75	Yes	10.5
0141418	18 x 0.75	Yes	12.6
0141425	25 x 0.75	Yes	14.7
0141502	2 x 1	No	6.1
0141503	3 x 1	Yes	6.7
0141504	4 x 1	Yes	7.2
0178504	4 x 1	Yes	7.2
0141505	5 x 1	Yes	7.8
0141507	7 x 1	Yes	8.6
0178507	7 x 1	Yes	8.6
0141508	8 x 1	Yes	10.2
0141512	12 x 1	Yes	11.3
0141518	18 x 1	Yes	13.5
0141519	19 x 1	Yes	12.9
0141524	24 x 1	Yes	15.7
0141602	2 x 1.5	No	6.9
0141604	4 x 1.5	Yes	8.1
0141612	12 x 1.5	Yes	12.7
0141618	18 x 1.5	Yes	14.8
0141619	19 x 1.5	Yes	14.8
0141625	25 x 1.5	Yes	17.6
0141704	4 x 2.5	Yes	9.7
0141712	12 x 2.5	Yes	15.1
0141804	4 x 4	No	11.5