

## Power cable < 1 kV, for flexible applications Ecoflex CPR HCH-JZ B2ca



<b>Application</b>	: 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.
<b>TECHNICAL DATA</b>	: TYPE HCH-JZ B2ca
Standards	: CPR
<b>Remarks</b>	: Ozone resistant acc. to EN50396. CPR class B2ca.
Conductor material	: Copper, bare
Conductor category	: Class 5 = flexible
Stranding element	: No
Core insulation material	: Polyolefin
Protective conductor	: Yes
Core identification	: Numbers
Suspension element	: None
Inner sheath	: No
Screen over stranding element	: None
Screen	: Yes
Model	: Round
Screen over stranding	: Braiding
Flame retardant	: In accordance with EN 60332-3-24
Material outer sheath	: Polyolefin
Colour outer sheath	: Grey
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
Smoke development class according to EN 13501-6	: s1
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
Euro class acidity according to EN 13501-6	: a1
Nominal voltage U0	: 500V
Core protecton	: No
Nominal voltage U	: 500V
Reaction-to-fire class according to EN 13501-6	: B2ca



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Euro class flaming droplets/particles according to EN 13501-6	: d1
Conductor surface	: Bare
Specification core insulation	: Other
	: No
Specification material outer sheath	: Other
	: Round
Shape of conductor	: Round



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<b>ProductNr</b>	<b>Dimension</b>	<b>Outer diameter approx. (mm)</b>
0181403	3 x 0.75	6.3
0181404	4 x 0.75	6.8
0181405	5 x 0.75	7.4
0181406	6 x 0.75	8.2
0181407	7 x 0.75	8.2
0181412	12 x 0.75	10.5
0181425	25 x 0.75	14.8
0181503	3 x 1	6.7
0181504	4 x 1	7.2
0181505	5 x 1	7.8
0181507	7 x 1	8.6
0181508	8 x 1	10.2
0181512	12 x 1	11.4
0181518	18 x 1	13.5
0181519	19 x 1	15.3
0181603	3 x 1.5	7.3
0181604	4 x 1.5	8.1
0181607	7 x 1.5	9.7
0181612	12 x 1.5	12.8
0181618	18 x 1.5	14.8
0181619	19 x 1.5	16.7
0181625	25 x 1.5	17.8
0181704	4 x 2.5	9.8
0181705	5 x 2.5	10.8
0181707	7 x 2.5	11.8