

## Power cable < 1 kV, for flexible applications Highflex CY



<b>Application</b>	: Flexible cable, copper braided, protects against electromagnetic interference. Suitable for use in cable chains.
<b>TECHNICAL DATA</b>	: TYPE CY
<b>Remarks</b>	: Please see the special mounting instructions: <a href="http://www.jobarco.com/media/content/installation_guide_for_highflex_cables.pdf">http://www.jobarco.com/media/content/installation_guide_for_highflex_cables.pdf</a>
Conductor material	: Copper, bare
Stranding element	: No
Conductor category	: Class 6 = very flexible
Core insulation material	: Polyvinyl chloride (PVC)
Core identification	: Numbers
Inner sheath	: No
Screen over stranding element	: Other
Screen	: Yes
Screen over stranding	: Braiding
Model	: Round
Colour outer sheath	: Grey
Material outer sheath	: Polyvinyl chloride (PVC)
Flame retardant	: In accordance with EN 60332-1-2
Torsion resistant	: No
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)	: No
Permitted cable outer temperature during assembling/handling	: -5°C to 70°C
Permitted cable outer temperature after assembling without vibration	: -30°C to 70°C
Max. conductor temperature	: 70°C
Nominal voltage U0	: 300V
No. bending cycli	: 2000000
Core protecton	: No
Nominal voltage U	: 500V
Conductor surface	: Bare
	: No
	: Round
Shape of conductor	: Round



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ProductNr	Dimension	Protective conductor	Outer diameter approx. (mm)	Bending radius (mm)
0159504	7 x 0.5	Yes	9.9	74
0159505	12 x 0.5	Yes	11.3	85
0159506	18 x 0.5	Yes	13.5	101
0159515	2 x 0.75	No	7.4	56
0159521	18 x 0.75	Yes	15	113
0159534	7 x 1	Yes	11.5	86
0159537	25 x 1	Yes	18.7	140
0159553	5 x 1.5	Yes	11	83
0159554	7 x 1.5	Yes	12.8	96
0159555	12 x 1.5	Yes	16	120
0159556	18 x 1.5	Yes	20	150
0159565	3 x 2.5	Yes	10.8	81