

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



<b>Application</b>	: Flexible cable, copper braided, protects against electromagnetic interference. Suitable for use in cable chains. Grey=RAL7001, Black=RAL9005.
<b>TECHNICAL DATA</b>	: TYPE CY-BD
Standards	: UL 2587, CSA AWM I A/B II A/B, UL1581 section 1060 FT1
<b>Remarks</b>	: Highly flexible bundles construction for dynamic applications. 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 5 = flexible
Core insulation material	: Polyvinyl chloride (PVC)
Core identification	: Numbers
Inner sheath	: Yes
Screen over stranding element	: None
Screen	: Yes
Screen over stranding	: Braiding
Model	: Round
Colour outer sheath	: Black
Material outer sheath	: Polyvinyl chloride (PVC)
Flame retardant	: In accordance with EN 60332-3-24
Torsion resistant	: No
Halogen free (acc. EN 60754-1/2)	: No
Oil resistant (acc. EN 60811-404)	: Yes
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 90°C
Permitted cable outer temperature after assembling without vibration	: -40°C to 90°C
Max. conductor temperature	: 70°C
Nominal voltage U <sub>0</sub>	: 600V
No. bending cycli	: 3000000
Core protecton	: No
Nominal voltage U	: 600V
Conductor surface	: Bare
	: No
	: Round
Shape of conductor	: Round



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<b>ProductNr</b>	<b>Dimension</b>	<b>Protective conductor</b>	<b>Outer diameter approx. (mm)</b>	<b>Bending radius (mm)</b>
1208307	2 x 0.75	Yes	10	75
1208402	4 x 0.75	No	7.2	54
1208403	7 x 0.75	Yes	7.5	56
1208404	12 x 0.75	Yes	8	60
1208405	7 x 1.5	Yes	9	68
1208407	4 x 6	Yes	10.6	80