

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



Application	: Flexible cable, copper braided, protects against electromagnetic interference. Suitable for use in cable chains. Grey=RAL7001, Black=RAL9005.
TECHNICAL DATA	: TYPE CY-BD
Standards	: UL 2587, CSA AWM I A/B II A/B, UL1581 section 1060 FT1
Remarks	: Highly flexible bundles construction for dynamic applications. Please see the special mounting instructions: http://www.jobarco.com/media/content/installation_guide_for_highflex_cables.pdf
Conductor material	: Copper, bare
Conductor category	: Class 5 = flexible
Stranding element	: No
Core insulation material	: Polyvinyl chloride (PVC)
Core identification	: Numbers
Inner sheath	: Yes
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	: Polyvinyl chloride (PVC)
Colour outer sheath	: Black
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 ₀	: 600V
No. bending cycli	: 3000000
Core protecton	: No
Nominal voltage U	: 600V
Conductor surface	: Bare
	: No
	: Round
Shape of conductor	: Round



ProductNr	Dimension	Protective conductor	Outer diameter approx. (mm)	Bending radius (mm)
1208307	7 x 0.5	Yes	10	75
1208402	2 x 0.75	No	7.2	54
1208403	3 x 0.75	Yes	7.5	56
1208404	4 x 0.75	Yes	8	60
1208405	5 x 0.75	Yes	9	68
1208407	7 x 0.75	Yes	10.6	80
1208412	12 x 0.75	Yes	14.6	110
1208418	18 x 0.75	Yes	17.7	133
1208505	5 x 1	Yes	9.4	70
1208614	4 x 1.5	Yes	9.5	71
1208605	5 x 1.5	Yes	10.4	78
1208607	7 x 1.5	Yes	12.4	93
1208704	4 x 2.5	Yes	11.3	85
1208904	4 x 6	Yes	15.6	117