

## Power cable < 1 kV, for flexible applications Highflex 3D ROBOT



<b>Application</b>	: Highly flexible process control cable for use in drag chains and robotic applications. Torsion resistant and suitable for 360 degrees per meter movements.
<b>TECHNICAL DATA</b>	: TYPE 3D ROBOT
Standards	: UL 10925, CSA AWM I A/B II A/B.
<b>Remarks</b>	: Highly flexible cable for dynamic applications, especially suitable for 3D 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
Conductor category	: Class 6 = very flexible
Stranding element	: No
Core insulation material	: Copolymer, thermoplastic
Protective conductor	: Yes
Inner sheath	: No
Screen over stranding element	: None
Screen	: No
Model	: Round
Screen over stranding	: None
Flame retardant	: In accordance with EN 60332-1-2
Material outer sheath	: Polyurethane (PUR)
Torsion resistant	: No
Halogen free (acc. EN 60754-1/2)	: Yes
Oil resistant (acc. EN 60811-404)	: Yes
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	: -40°C to 80°C
Permitted cable outer temperature after assembling without vibration	: -50°C to 80°C
Max. conductor temperature	: 70°C
Nominal voltage U0	: 600V
No. bending cycli	: 10000000
Core protecton	: Yes
Nominal voltage U	: 1000V
Conductor surface	: Bare
	: No
	: Round
Shape of conductor	: Round

ProductNr	Dimension	Core identification	Colour outer sheath	Outer diameter approx. (mm)	Bending radius (mm)
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<b>ProductNr</b>	<b>Dimension</b>	<b>Core identification</b>	<b>Colour outer sheath</b>	<b>Outer diameter approx. (mm)</b>	<b>Bending radius (mm)</b>
1206225	25 x 0.34	Colour	Black	11.4	57
1206312	12 x 0.5	Numbers	Grey	9.3	47
1206316	16 x 0.5	Numbers	Grey	10.4	47
1206325	25 x 0.5	Numbers	Grey	13.4	67