

Power cable < 1 kV, for flexible applications Highflex PRO CY-JZ 2D



Application	: Suitable for use in cable chain systems. The keen construction makes the cable extremely flexible and applicable in various continuous moving equipment. The cable has a diminutive bend radius which makes it possible to use it in minuscule spaces.
TECHNICAL DATA	: TYPE PRO CY-JZ 2D
Remarks	: Very good petrol and oil resistant. Sea water resistant. Halogen free. Colour jacket is petrol blue.
Conductor material	: Copper, bare
Conductor category	: Class 6 = very flexible
Core insulation material	: Copolymer, thermoplastic
Protective conductor	: Yes
Core identification	: Numbers
Inner sheath	: Yes
Screen over stranding element	: None
Screen	: Yes
Model	: Round
Screen over stranding	: Braiding
Flame retardant	: No
Material outer sheath	: Copolymer, thermoplastic
Colour outer sheath	: Other
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)	: No
Low temperature resistant (acc. EN 60811-504+505+506)	: No
Permitted cable outer temperature during assembling/handling	: -25°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	: 300V
No. bending cycli	: 3000000
Core protecton	: No
Nominal voltage U	: 500V
Conductor surface	: Bare
	: No
	: Round
Shape of conductor	: Round



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ProductNr	Dimension	Stranding element	Outer diameter approx. (mm)	Bending radius (mm)
0169042	3 x 0.75	No	6.4	42
0169045	4 x 0.75	No	6.9	45
0169043	7 x 0.75	No	8.7	57
0169058	12 x 0.75	Triple	11.9	77
0169059	12 x 1	Triple	13.1	85
0169046	3 x 1.5	No	7.7	50
0169047	4 x 1.5	No	8.5	55
0169048	7 x 1.5	No	10.9	71
0169050	4 x 2.5	No	10.3	67
0169055	5 x 2.5	No	11.3	73