

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



<b>Application</b>	: 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.
<b>TECHNICAL DATA</b>	: TYPE PRO CY 2D
<b>Remarks</b>	: 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	: Polypropylene
Protective conductor	: No
Core identification	: Colour
Screen over stranding element	: None
Screen	: Yes
Screen over stranding	: Braiding
Model	: Round
Colour outer sheath	: Other
Material outer sheath	: Copolymer, thermoplastic
Flame retardant	: No
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 <sub>0</sub>	: 300V
No. bending cycli	: 3000000
Core protecton	: No
Conductor surface	: Bare
	: No
	: Round
Shape of conductor	: Round



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ProductNr	Dimension	Stranding element	Inner sheath	Outer diameter approx. (mm)	Bending radius (mm)	Nominal voltage U (V)
0169031	2 x 0.15	No	No	4.6	30	300
0169033	7 x 0.15	No	No	5.9	38	300
0169034	3 x 0.25	No	No	5.2	34	300
0169039	4 x 0.25	No	No	5.5	42	500
0169035	7 x 0.25	No	No	6.8	44	300
0169056	12 x 0.25	Triple	Yes	8.8	57	300
0169036	3 x 0.34	No	No	5.4	35	300
0169037	7 x 0.34	No	No	7.2	47	300
0169038	12 x 0.34	No	No	9.6	62	300