

Power cable < 1 kV, for flexible applications Purflex PUR-TPE-CY



Application : Flexible cable for extreme circumstances. Very good oil and media resistant. The cable is free of halogen. This cable has a smaller outer diameter and an extended temperature range: -30°C to 90°C. Suitable for spiral cords.

TECHNICAL DATA : TYPE PUR-TPE-CY

Remarks : Extremely resistant to oil, petrol, ozone. Protects well from abrasion, suitable for spiral cords.

Conductor material	: Copper, bare
Conductor category	: Class 6 = very flexible
Stranding element	: No
Core insulation material	: Copolymer, thermoplastic
Inner sheath	: No
Screen over stranding element	: None
Screen	: Yes
Model	: Round
Screen over stranding	: Braiding
Flame retardant	: No
Material outer sheath	: Polyurethane (PUR)
Colour outer sheath	: Black
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)	: Yes
Permitted cable outer temperature during assembling/handling	: -30°C to 90°C
Permitted cable outer temperature after assembling without vibration	: -50°C to 90°C
Max. conductor temperature	: 80°C
Nominal voltage U ₀	: 300V
Core protection	: No
Nominal voltage U	: 500V
Conductor surface	: Bare
	: No
	: Round
Shape of conductor	: Round



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ProductNr	Dimension	Protective conductor	Core identification	Outer diameter approx. (mm)
0154104	4 x 0.25	Yes	Colour	4.8
0154106	6 x 0.25	Yes	Colour	5.2
0154107	7 x 0.25	Yes	Colour	5.7
0154108	8 x 0.25	Yes	Colour	6.3
0154303	3 x 0.5	Yes	Numbers	5
0154304	4 x 0.5	Yes	Numbers	5.3
0154307	7 x 0.5	Yes	Numbers	7.5
0154312	12 x 0.5	Yes	Numbers	8.8
0154402	2 x 0.75	No	Numbers	5.3
0154403	3 x 0.75	Yes	Numbers	5.4
0154404	4 x 0.75	Yes	Numbers	6.2
0154405	5 x 0.75	Yes	Numbers	7.3
0154406	6 x 0.75	Yes	Numbers	7.5
0154407	7 x 0.75	Yes	Numbers	8
0154412	12 x 0.75	Yes	Numbers	9.7
0154503	3 x 1	Yes	Numbers	6.4
0154504	4 x 1	Yes	Numbers	6.6
0154507	7 x 1	Yes	Numbers	9.2
0154512	12 x 1	Yes	Numbers	10.7
0154602	2 x 1.5	No	Numbers	6
0154603	3 x 1.5	Yes	Numbers	6.7
0154604	4 x 1.5	Yes	Numbers	7.2
0154605	5 x 1.5	Yes	Numbers	8
0154607	7 x 1.5	Yes	Numbers	9.7
0154612	12 x 1.5	Yes	Numbers	11.4
0154618	18 x 1.5	Yes	Numbers	13.2
0154625	25 x 1.5	Yes	Numbers	16.8
0154703	3 x 2.5	Yes	Numbers	8.7
0154704	4 x 2.5	Yes	Numbers	9.6
0154705	5 x 2.5	Yes	Numbers	10.3
0154707	7 x 2.5	Yes	Numbers	12.6