

Power cable < 1 kV, for fixed installations Jobwire ESUY



Application	: Highly flexible hook-up wire with highly stranded cores.
TECHNICAL DATA	: TYPE ESUY
Remarks	: Highly flexible core construction. For example: 1.5 mm ² = 385 x 0,07 mm bare copper litzes (for comparison: 1.5 mm ² in class 6 = 80 x 0,15 mm. Green RAL 6018/yellow RAL 1021:30%/70%.
Number of cores	: 1
Conductor material	: Copper, bare
Core insulation material	: Polyvinyl chloride (PVC)
Max. conductor temperature	: 70°C
Protective conductor	: No
Flame retardant	: No
Screen	: No
Drain wire	: No
Suspension element	: None
Low temperature resistant (acc. EN 60811-504+505+506)	: No
Protective barrier	: None
Oil resistant (acc. EN 60811-404)	: No
Lead sheath	: No
Armouring/reinforcement	: None
Material outer sheath	: Polyvinyl chloride (PVC)
Permitted cable outer temperature after assembling without vibration	: -30°C to 80°C
Halogen free (acc. EN 60754-1/2)	: No
Low smoke (acc. BS EN 61034-2)	: No
Insulation integrity	: No
Permitted cable outer temperature during assembling/handling	: -15°C to 80°C
Shape of conductor	: Round
Conductor surface	: Bare
Twisted cores	: No
Specification core insulation	: Other
	: No
Specification material outer sheath	: Other
	: Round
Circuit integrity	: None
	: No
	: No
	: No
	: No
	: No



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ProductNr	Dimension	Core identification	Core colour	Colour outer sheath	Nominal voltage U (V)	Outer diameter approx. (mm)	Nominal voltage U0 (V)	(Ohm/km)	Min. permitted bending radius, stationary application/permanent installation (mm)
0136123	1 x 0.5	Colour	Blue	Blue	500	2	500	39	12
0136214	1 x 1.5	Colour	Black	Black	750	2.9	750	13.3	17
0136101	1 x 2.5	Colour	Black	Black	750	3.8	750	8	23
0136201	1 x 2.5	Colour	Green/yellow	Other	750	3.8	750	8	23
0136200	1 x 2.5	Colour	Red	Red	750	3.8	750	8	23
0136111	1 x 4	Colour	Black	Black	750	5	750	5	30
0136103	1 x 6	Colour	Black	Black	750	6.5	750	3.3	39
0136203	1 x 6	Colour	Green/yellow	Other	750	6.2	750	3.3	39
0136202	1 x 6	Other	Transparent	Other	750	6.5	750	3.3	39
0136104	1 x 10	Colour	Black	Black	750	7.5	750	1.9	45
0136204	1 x 10	Colour	Green/yellow	Other	750	7.5	750	1.9	45
0136114	1 x 16	Colour	Black	Black	750	9	750	1.2	54
0136205	1 x 16	Colour	Green/yellow	Other	750	9	750	1.2	54
0136206	1 x 25	Colour	Green/yellow	Other	750	10.5	750	0.78	63