



2YSLCYK-J 600/1000 V

Cold-flexible, UV-resistant, double screened motor power supply cable;
preferred EMC compatible cable type for outdoor installation - to VDE 0250

Construction

- Conductor: stranded bare Cu conductor, fine wire
- Construction: strand structure to VDE 0295, class 5 / IEC 60228 class 5
- Core insulation: polyethylene (PE)
- Core colours: black, brown, grey and green-yellow protective conductor
- Cores twisted in layers, with optimal lay lengths
- Aluminium foil screening, 100 %
- Tinned copper braided screening
- Outer sheath: special PVC, flame retardant
- Sheath color: black

Technical Data

- Rated voltage: U_0/U 600/1000 V
- AC test voltage: 2500 V
- AC crest voltage: $\hat{U}$ 1700 V
- Low mutual capacitance: test to DIN VDE 0472 part 504, test method B
- Bending radius for the following outer cable diameters:
 - up to 12 mm:**
 - flexible approx. 10 x cable diameter
 - stationary approx. 5 x cable diameter
 - 12 to 20 mm:**
 - flexible approx. 15 x cable diameter
 - stationary approx. 7,5 x cable diameter
 - over 20 mm:**
 - flexible approx. 20 x cable diameter
 - stationary approx. 10 x cable diameter
- Temperature range
 - flexible -5°C to +70°C
 - during Installation -25°C to +70°C
 - stationary -40°C to +70°C

Properties

- Flame retardant acc. to IEC 60332-1

Ø mm²	Cu-Weight kg/km	Outer diameter mm	Total-Weight kg/km	Cu-Ø of screen mm²	Article number
4 x 1,5	94,0	10,6	230,0	3,0	4870400150
4 x 2,5	150,0	12,3	300,0	4,0	4780400250
4 x 4,0	235,0	14,6	485,0	4,0	4870400400
4 x 6,0	320,0	16,4	630,0	6,0	4870400600

Ø mm²	Cu-Weight kg/km	Outer diameter mm	Total-Weight kg/km	Cu-Ø of screen mm²	Article number
4 x 10,0	533,0	20,1	860,0	6,0	4870401000
4 x 16,0	789,0	23,4	1.290,0	6,0	4870401600
4 x 25,0	1.236,0	27,0	1.860,0	16,0	4870402500
4 x 35,0	1.662,0	32,7	2.610,0	16,0	4870403500
4 x 50,0	2.345,0	36,1	2.950,0	16,0	4870405000
4 x 70,0	3.196,0	42,3	3.950,0	16,0	4870407000
4 x 95,0	4.316,0	47,7	5.300,0	25,0	4870409500
4 x 120,0	5.428,0	51,9	6.600,0	25,0	4870412000
4 x 150,0	6.743,0	57,5	7.040,0	>30,0	4870415000
4 x 185,0	7.639,0	61,1	8.380,0	>30,0	4870418500
4 x 240,0	11.059,0	69,3	12.165,0	>30,0	4870424000

- Further formats available on request
- All data and products subject to change