



3 PLUS 2YSLCYK-J 600/1000 V

Cold-flexible, flame retardant, symmetrical double-screened motor power supply cable;
improved, preferred EMC compatible cable type - 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 three symmetrical green-yellow protective conductors
- Cores twisted in layers, with optimal lay lengths
- Aluminium foil screening, 100 %
- Tinned copper braided screening
- Outer sheath: special PVC, flame retardant
- Sheath colour: black

Technical Data

- Rated voltage: U_0/U 600/1000 V
- AC test voltage: 2.500 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
 - short circuit up to 160°C

Properties

- Flame retardant acc. to IEC 60332-1

Ø mm²	Cu-Weight kg/km	Outer diameter mm	Total-Weight kg/km	Article number
3x1,5 + 3x0,25	86,0	10,2	209,0	4880300150
3x2,5 + 3x0,5	144,0	11,9	220,0	4880300250
3x4,0 + 3x0,75	224,0	14,1	320,0	4880300400
3x6,0 + 3x1,0	298,0	15,8	420,0	4880300600

Ø mm²	Cu-Weight kg/km	Outer diametermm	Total-Weight kg/km	Article number
3x10,0 + 3x1,5	491,0	19,0	639,0	4880301000
3x16,0 + 3x2,5	723,0	23,4	849,0	4880301600
3x25,0 + 3x4,0	1.138,0	26,2	1.400,0	4880302500
3x35,0 + 3x6,0	1.535,0	29,0	1.718,0	4880303500
3x50,0 + 3x10,0	2.156,0	34,6	2.340,0	4880305000
3x70,0 + 3x10,0	2.871,0	38,8	3.173,0	4880307000
3x95,0 + 3x16,0	3.953,0	45,0	4.162,0	4880309500
3x120,0 + 3x16,0	4.836,0	50,8	5.253,0	4880312000
3x150,0 + 3x25,0	5.412,0	55,2	6.430,0	4880315000
3x185,0 + 3x35,0	6.969,0	62,0	8.340,0	4880318500
3x240,0 + 3x40,0	8.540,0	67,0	12.250,0	4880324000
3x300,0 + 3x50,0	13.482,0	70,0	14.945,0	4880330000

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