Power cable

NYM-J

Installationsleitung, PVC-isoliert mit Cu-Leitern

300/500 V



According to VDE 0250 part 204.

Characteristics	Properties	Unit
Conductor material	Copper	
Shape of conductor	Round	
Core insulation material	Polyvinyl chloride (PVC)	
Max. conductor temperature	70	°C
Protective conductor	Ja	
Screen	No	
Armouring/reinforcement	None	
Material outer sheath	Polyvinyl chloride (PVC)	
Colour outer sheath	Grey	
Reaction-to-fire class according to EN 13501-6	Eca	
Halogen free (acc. EN 60754-1/2)	No	
Flame retardant	In accordance with EN 60332-1-2	
Low smoke (acc. EN 61034-2)	No	

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Characteristics	Properties	Unit
Permitted cable outer temperature during assembling/handling	5 <=> 70	°C
Permitted cable outer temperature after assembling without vibration	-40 <=> 70	°C
Nominal voltage U0	300	V
Nominal voltage U	500	V
Minimum bending radius	4	x Außen-Ø
max. short circuit temperature	160	°C

Bruttogewicht pro Paletteinheit	Conductor category	Metal number	Nominal cross section conductor	Number of cores	Outer diameter approx.	Paletteinheit	Individual length	Net weight	Packing
631,830 kg	Class 1 = solid	Copper 101	1.5 mm²	7	11 mm	3.000 m	500 m	98 kg	Drum
728,440 kg	Class 1 = solid	Copper 101	1.5 mm²	7	11 mm	3.600 m	50 m	10 kg	Ring
728,440 kg	Class 1 = solid	Copper 101	1.5 mm²	7	11 mm	3.600 m	100 m	20 kg	Ring
857,480 kg	Class 1 = solid	Copper 101	1.5 mm²	7	11 mm	4.000 m	1000 m	196 kg	Drum
689,280 kg	Class 1 = solid	Copper 43	1.5 mm²	3	9 mm	6.000 m	100 m	11 kg	Ring
726,480 kg	Class 1 = solid	Copper 43	1.5 mm²	3	9 mm	6.000 m	500 m	56 kg	Drum
522,660 kg	Class 1 = solid	Copper 43	1.5 mm²	3	9 mm	4.500 m	50 m	6 kg	Ring
685,730 kg	Class 1 = solid	Copper 72	2.5 mm²	3	10 mm	4.200 m	100 m	16 kg	Ring
680,560 kg	Class 1 = solid	Copper 72	2.5 mm²	3	10 mm	4.000 m	500 m	79 kg	Drum
685,730 kg	Class 1 = solid	Copper 72	2.5 mm²	3	10 mm	4.200 m	50 m	8 kg	Ring
704,800 kg	Class 1 = solid	Copper 72	2.5 mm²	3	10 mm	4.000 m	1000 m	158 kg	Drum
484,720 kg	Class 1 = solid	Copper 43	1.5 mm²	3	9 mm	4.000 m	1000 m	111 kg	Drum
659,330 kg	Class 1 = solid	Copper 58	1.5 mm²	4	9 mm	4.800 m	100 m	13 kg	Ring
858,060 kg	Class 1 = solid	Copper 58	1.5 mm²	4	9 mm	6.000 m	500 m	66 kg	Drum
619,550 kg	Class 1 = solid	Copper 58	1.5 mm²	4	9 mm	4.500 m	50 m	7 kg	Ring
708,960 kg	Class 1 = solid	Copper 96	2.5 mm²	4	11 mm	3.600 m	100 m	19 kg	Ring
1.010,800 kg	Class 1 = solid	Copper 96	2.5 mm²	4	11 mm	5.000 m	500 m	95 kg	Drum

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823,320 kg	Class 1 = solid	Copper 96	2.5 mm²	4	11 mm	4.200 m	50 m	10 kg	Ring
674,980 kg	Class 1 = solid	Copper 72	1.5 mm²	5	10 mm	4.200 m	100 m	16 kg	Ring
674,980 kg	Class 1 = solid	Copper 72	1.5 mm²	5	10 mm	4.200 m	50 m	8 kg	Ring
670,320 kg	Class 1 = solid	Copper 72	1.5 mm²	5	10 mm	4.000 m	500 m	78 kg	Drum
828,440 kg	Class 1 = solid	Copper 120	2.5 mm²	5	12 mm	3.600 m	100 m	22 kg	Ring
484,380 kg	Class 1 = solid	Copper 120	2.5 mm²	5	12 mm	2.000 m	500 m	112 kg	Drum
694,170 kg	Class 1 = solid	Copper 120	2.5 mm²	5	12 mm	3.000 m	50 m	11 kg	Ring
570,840 kg	Class 1 = solid	Copper 58	1.5 mm²	4	9 mm	4.000 m	1000 m	133 kg	Drum
694,560 kg	Class 1 = solid	Copper 72	1.5 mm²	5	10 mm	4.000 m	1000 m	155 kg	Drum
701,330 kg	Class 1 = solid	Copper 96	10 mm²	1	9 mm	4.800 m	50 m	7 kg	Ring
870,960 kg	Class 1 = solid	Copper 96	10 mm²	1	9 mm	6.000 m	100 m	14 kg	Ring
910,560 kg	Class 1 = solid	Copper 96	10 mm²	1	9 mm	6.000 m	500 m	71 kg	Drum
716,690 kg	Class 2 = stranded	Copper 154	16 mm²	1	10 mm	3.300 m	50 m	11 kg	Ring
1.032,100 kg	Class 2 = stranded	Copper 154	16 mm²	1	10 mm	4.800 m	100 m	21 kg	Ring
1.109,150 kg	Class 2 = stranded	Copper 154	16 mm²	1	10 mm	5.000 m	500 m	105 kg	Drum
680,070 kg	Class 1 = solid	Copper 38	4 mm²	1	7 mm	9.000 m	100 m	7 kg	Ring
498,180 kg	Class 1 = solid	Copper 38	4 mm²	1	7 mm	6.000 m	500 m	37 kg	Drum
867,270 kg	Class 1 = solid	Copper 58	6 mm²	1	7 mm	9.000 m	100 m	9 kg	Ring
622,980 kg	Class 1 = solid	Copper 58	6 mm²	1	7 mm	6.000 m	500 m	47 kg	Drum
493,940 kg	Class 1 = solid	Copper 115	4 mm²	3	11 mm	2.100 m	50 m	11 kg	Ring
830,460 kg	Class 1 = solid	Copper 115	4 mm²	3	11 mm	3.600 m	100 m	22 kg	Ring
489,100 kg	Class 1 = solid	Copper 115	4 mm²	3	11 mm	2.000 m	500 m	112 kg	Drum
755,210 kg	Class 1 = solid	Copper 173	6 mm²	3	13 mm	2.400 m	50 m	15 kg	Ring
179,590 kg	Class 1 = solid	Copper 173	6 mm²	3	13 mm	500 m	500 m	153 kg	Drum
549,450 kg	Class 1 = solid	Copper 384	10 mm²	4	17 mm	900 m	50 m	29 kg	Ring

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725,000 kg	Class 1 = solid	Copper 384	10 mm²	4	17 mm	1.200 m	100 m	59 kg	Ring
171,290 kg	Class 1 = solid	Copper 384	10 mm²	4	17 mm	250 m	250 m	146 kg	Drum
339,590 kg	Class 1 = solid	Copper 384	10 mm²	4	17 mm	500 m	500 m	293 kg	Drum
704,540 kg	Class 1 = solid	Copper 154	4 mm²	4	13 mm	2.400 m	50 m	14 kg	Ring
704,540 kg	Class 1 = solid	Copper 154	4 mm²	4	13 mm	2.400 m	100 m	28 kg	Ring
167,030 kg	Class 1 = solid	Copper 154	4 mm²	4	13 mm	500 m	500 m	142 kg	Drum
471,650 kg	Class 1 = solid	Copper 230	6 mm²	4	14 mm	1.200 m	50 m	19 kg	Ring
696,070 kg	Class 1 = solid	Copper 230	6 mm²	4	14 mm	1.800 m	100 m	37 kg	Ring
214,020 kg	Class 1 = solid	Copper 230	6 mm²	4	14 mm	500 m	500 m	187 kg	Drum
746,600 kg	Class 2 = stranded	Copper 614	16 mm²	4	20 mm	800 m	50 m	45 kg	Ring
656,130 kg	Class 2 = stranded	Copper 614	16 mm²	4	20 mm	700 m	100 m	90 kg	Ring
257,190 kg	Class 2 = stranded	Copper 614	16 mm²	4	20 mm	250 m	250 m	226 kg	Drum
523,380 kg	Class 2 = stranded	Copper 614	16 mm²	4	20 mm	500 m	500 m	452 kg	Drum
369,080 kg	Class 2 = stranded	Copper 960	25 mm²	4	24 mm	250 m	50 m	69 kg	Ring
393,280 kg	Class 2 = stranded	Copper 960	25 mm²	4	24 mm	250 m	250 m	346 kg	Drum
836,550 kg	Class 2 = stranded	Copper 960	25 mm²	4	24 mm	500 m	500 m	693 kg	Drum
508,750 kg	Class 2 = stranded	Copper 1344	35 mm²	4	27 mm	250 m	250 m	462 kg	Drum
1.067,500 kg	Class 2 = stranded	Copper 1344	35 mm²	4	27 mm	500 m	500 m	924 kg	Drum
117,350 kg	Class 2 = stranded	Copper 1344	35 mm²	4	27 mm	50 m	50 m	92 kg	Drum
426,490 kg	Class 1 = solid	Copper 192	4 mm²	5	14 mm	1.200 m	50 m	17 kg	Ring
628,340 kg	Class 1 = solid	Copper 192	4 mm²	5	14 mm	1.800 m	100 m	34 kg	Ring
746,260 kg	Class 1 = solid	Copper 192	4 mm²	5	14 mm	2.000 m	500 m	168 kg	Drum
557,760 kg	Class 1 = solid	Copper 288	6 mm²	5	15 mm	1.200 m	50 m	22 kg	Ring
736,080 kg	Class 1 = solid	Copper 288	6 mm²	5	15 mm	1.600 m	100 m	45 kg	Ring
965,040 kg	Class 1 = solid	Copper 288	6 mm²	5	15 mm	2.000 m	500 m	223 kg	Drum

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595,120 kg	Class 1 = solid	Copper 480	10 mm²	5	18 mm	800 m	50 m	36 kg	Ring
738,200 kg	Class 1 = solid	Copper 480	10 mm²	5	18 mm	1.000 m	100 m	72 kg	Ring
203,850 kg	Class 1 = solid	Copper 480	10 mm²	5	18 mm	250 m	250 m	179 kg	Drum
404,700 kg	Class 1 = solid	Copper 480	10 mm²	5	18 mm	500 m	500 m	358 kg	Drum
806,030 kg	Class 2 = stranded	Copper 768	16 mm²	5	22 mm	700 m	50 m	56 kg	Ring
326,730 kg	Class 2 = stranded	Copper 768	16 mm²	5	22 mm	250 m	250 m	280 kg	Drum
630,450 kg	Class 2 = stranded	Copper 768	16 mm²	5	22 mm	500 m	500 m	559 kg	Drum
468,350 kg	Class 2 = stranded	Copper 1200	25 mm²	5	27 mm	250 m	250 m	421 kg	Drum
986,700 kg	Class 2 = stranded	Copper 1200	25 mm²	5	27 mm	500 m	500 m	843 kg	Drum
739,420 kg	Class 1 = solid	Copper 168	2.5 mm²	7	13 mm	2.400 m	50 m	15 kg	Ring
619,980 kg	Class 1 = solid	Copper 168	2.5 mm²	7	13 mm	2.000 m	100 m	30 kg	Ring
637,580 kg	Class 1 = solid	Copper 168	2.5 mm²	7	13 mm	2.000 m	500 m	149 kg	Drum
167,030 kg	Class 1 = solid	Copper 154	4 mm²	4	13 mm	500 m	500 m	142 kg	Drum
821,520 kg	Class 1 = solid	Copper 230	6 mm²	4	14 mm	2.000 m	500 m	187 kg	Drum
373,340 kg	Class 1 = solid	Copper 38	4 mm²	1	7 mm	4.800 m	50 m	4 kg	Ring
416,890 kg	Class 1 = solid	Copper 58	6 mm²	1	7 mm	4.200 m	50 m	5 kg	Ring
416,890 kg	Class 1 = solid	Copper 72	2.5 mm²	3	10 mm	4.200 m	Cut length	158 kg	Ring, drum
416,890 kg	Class 1 = solid	Copper 72	1.5 mm²	5	10 mm	4.200 m	Cut length	155 kg	Ring, drum
755,210 kg	Class 1 = solid	Copper 173	6 mm²	3	13 mm	2.400 m	100 m	31 kg	Ring
1.029,810 kg	Class 2 = stranded	Copper 768	16 mm²	5	22 mm	900 m	25 m	28 kg	Ring

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