NYY 0.6/1kV Power Cable

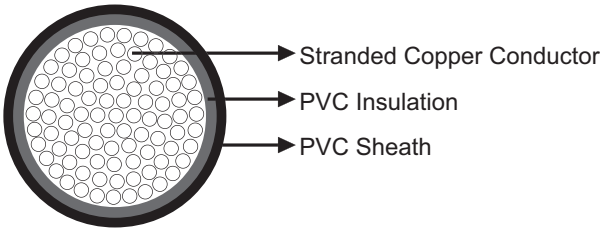
» Application

These cables are designed for power lines of fixed routing in wind tower installation, also used as energy supply cables installed in underground, water, cable ducts, power stations, outdoors, indoors, for industry and distribution boards as well as in subscriber networks, where mechanical damages are not expected.

» Standards

IEC 60502
DIN VDE 0276 part 603

» Construction



Conductor: Stranded copper conductor according to IEC60228/VDE 0295.
Insulation: PVC.
Filling: Filling compound over the core assembly.
Sheath: PVC.

» Technical Data

Rated Voltage Uo/U (Um)	0.6/1kV
Operating Temperatures	flexing: -5℃~+50℃; fixed: -40℃~+70℃
Minimum Bending Radius	Single Core: 15×OD; Multicore:12×OD
Maximum Permissible Tensile Load	50N/mm²
Short-circuit Temperature	160℃
Flame Retardant	IEC 60332-1/VDE 0482-332-1-2
Silicone Free	Yes

» Dimensions and Weight

NYY-J

Construction	Nominal Overall Diameter	Nominal Weight
No. of cores×mm²	mm	kg/km
1×25 rm	13	380
1×35 rm	14	447
1×50 rm	15	650
1×70 rm	17	864
3×1.5 re	12	223
4×1.5 re	13	256
5×1.5 re	14	293
7×1.5 re	15	360
10×1.5 re	18	520
12×1.5 re	19	560
14×1.5 re	20	620
16×1.5 re	21	680
19×1.5 re	22	760
24×1.5 re	24	900
30×1.5 re	26	1100
3×2.5 re	13	272
4×2.5 re	14	316
5×2.5 re	15	323
7×2.5 re	16	450
10×2.5 re	20	630
12×2.5 re	20	680
14×2.5 re	21	790
19×2.5 re	23	990
24×2.5 re	26	1300
30×2.5 re	28	1400
3×4 re	15	373
4×4 re	16	439
5×4 re	17	510
3×6 re	16	466
4×6 re	17	547
5×6 re	19	640
3×10 re	18	629
4×10 re	19	743
5×10 re	21	899
3×16 re	20	850
4×16 re	22	1039
5×16 re	23	1240

Power Cable

Construction	Nominal Overall Diameter	Nominal Weight
No. of cores×mm²	mm	kg/km
3×25 rm/16 re	25	1595
4×25 rm	27	1620
3×35 sm/16 re	27	1718
4×35 sm	27	1916
3×50 sm/25 sm	31	2383
4×50 sm	31	2639
3×70 sm/35 sm	33	3196
4×70 sm	35	3576
3×95 sm/50 sm	38	4271
4×95 sm	40	4746
3×120 sm/70 sm	41	5281
4×120 sm	43	5813
3×150 sm/70 sm	46	6408
4×150 sm	48	7263
3×185 sm/95 sm	50	7909
4×185 sm	53	8905
3×240 sm/120 sm	57	10162
4×240 sm	60	11430

NYY-O

Construction	Nominal Overall Diameter	Nominal Weight
No. of cores×mm²	mm	kg/km
1×10 re	10	176
1×16 re	11	239
1×25 re	13	380
1×35 re	14	447
1×50 rm	15	650
1×70 rm	17	864
1×95 rm	19	1132
1×120 rm	21	1405
1×150 rm	22	1710
1×185 rm	24	2086
1×240 rm	27	2669
1×300 rm	30	3305
1×500 rm	39	5400
2×1.5 re	11	210
2×2.5 re	12	250
4×2.5 re	14	316
2×4 re	14	360
4×4 re	16	439
2×6 re	15	400
4×6 re	17	547

Power Cable

Construction	Nominal Overall Diameter	Nominal Weight
No. of cores×mm²	mm	kg/km
2×10 re	17	500
4×10 re	19	743
4×16 re	22	1039
4×25 rm	27	1620
4×35 sm	27	1916
4×50 sm	31	2639
4×70 sm	35	3576
4×95 sm	40	4746

re: round conducter, single wire

rm: round conducter, multi wire

sm: sectional conductor