



## NYY Cable 600/1000V to VDE0271/0276

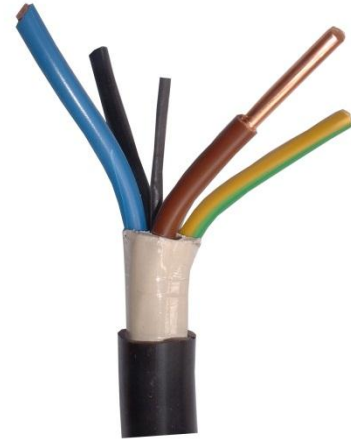
Plain annealed copper conductors, PVC insulated / PVC sheathed, black 1000 volts grade to VDE 0271 and IEC60502 (where applicable)

DIN VDE 0276-603, 0276-627

**Applications:** Energy cables for use in open air, underground, indoors and in cable ducts

**Conductor stranding:** Re: circular solid  
Rm: circular stranded  
Sm: sectorial stranded

**Conductor identification:**  
 NYY-O Single core: Black  
 Two core: Brown and Blue  
 Three core: Brown, Blue and Green / Yellow  
 Four core: Black, Grey, Brown and Green / Yellow  
 Five core: Black, Blue, Brown, Grey and Green / Yellow  
 Seven – Forty cores: Black cores, numbered and Green / Yellow



Size Sq.mm	Conductor type	Number of cores	Nominal overall diameter mm	Weight kg/km	BATT part no. NYY-O
16	Re	1	11.0	260	-
25	Rm	1	12.5	370	-
35	Rm	1	13.5	490	-
50	Rm	1	15.5	640	-
70	Rm	1	17.0	830	-
95	Rm	1	19.0	1110	-
120	Rm	1	20.5	1350	-
150	Rm	1	22.5	1650	-
185	Rm	1	24.5	2040	-
240	Rm	1	27.5	2610	-
300	Rm	1	30.5	3300	-
400	Rm	1	33.5	4200	-
500	Rm	1	38.0	5160	-
630	Rm	1	-	-	-

Size Sq.mm	Conductor type	Number of cores	Nominal overall diameter mm	Weight kg/km	BATT part no. NYY-O
1.5	Re	2	11.5	190	16663
2.5	Re	2	12.5	230	16502
4	Re	2	14.0	310	-
6	Re	2	15.0	370	16722
10	Re	2	16.5	500	-
16	Re	2	18.5	660	-
25	Rm	2	22.0	1000	-
35	Rm	2	25.0	1300	-
50	Rm	2	28.0	1700	-
70	-	2	-	-	-
95	-	2	-	-	-



Size Sq.mm	Conductor type	Number of cores	Nominal overall diameter mm	Weight kg/km	BATT part no. NYY-J
1.5	Re	3	12.0	210	16503
2.5	Re	3	13.0	260	16504
4	Re	3	14.5	360	16597
6	Re	3	16.0	440	16591
10	Re	3	17.5	600	16683
16	Re	3	19.5	820	16714
25	Rm	3	23.5	1250	16616
35	Rm	3	26.5	1640	-
50	Rm	3	30.0	2160	-
70	Sm	3	30.0	2450	16675
95	Sm	3	34.0	3330	-

Size Sq.mm	Conductor type	Number of cores	Nominal overall diameter mm	Weight kg/km	BATT part no. NYY-J
1.5	Re	4	13.0	250	16595
2.5	Re	4	14.0	310	16676
4	Re	4	15.5	420	16709
6	Re	4	17.0	530	16729
10	Re	4	19.0	730	16731
16	Re	4	21.5	1030	16752
25	Rm	4	25.5	1550	16500
35	Rm	4	28.5	2050	16501
50	Rm	4	33.0	2740	16696
70	Sm	4	34.5	3220	16596
95	Sm	4	39.0	4390	16629
120	Sm	4	42.5	5380	-
150	Sm	4	48.0	6580	-
185	Sm	4	52.5	8220	16630
240	Sm	4	60.0	10570	-
300	Sm	4	68.0	13250	-

Size Sq.mm	Conductor type	Number of cores	Nominal overall diameter mm	Weight kg/km	BATT part no. NYY-J
1.5	Re	5	13.5	290	16605
2.5	Re	5	15.0	360	16505
4	Re	5	17.0	500	16685
6	Re	5	19.5	640	16672
10	Re	5	20.5	880	16692
16	Re	5	23.0	1220	16686

Size Sq.mm	Conductor type	Number of cores	Nominal overall diameter mm	Weight kg/km	BATT part no. NYY-J
1.5	Re	7	14.5	340	16193
2.5	Re	7	-	-	16161
4	Re	7	-	-	16226
6	Re	7	-	-	-
10	Re	7	-	-	-
16	Re	7	-	-	-



Size Sq.mm	Conductor type	Number of cores	Nominal overall diameter mm	Weight kg/km	BATT part no. NYY-J
1.5	Re	12	17.5	400	16308
2.5	Re	12	19.5	560	16244
1.5	Re	19	20.0	590	16228
2.5	Re	19	22.0	800	-
1.5	Re	27	23.5	790	-
2.5	Re	27	26.0	1090	-
1.5	Re	37	26.0	1030	-
2.5	Re	37	29.0	1450	-
1.5	Re	40	27.5	1110	16338
2.5	Re	40	30.5	1570	16339