

NYY / YVV



- 1) Solid or Stranded Copper
- 2) PVC Insulation
- 3) PE Filler
- 4) PVC Sheath

Re : Solid Single Round Conductor
 Rm : Multi Wire Round Conductor



STANDARD
 IEC 60502-1

TECHNICAL DATA

Permissible operating temperature	: 70 °C
Short circuit temperature	: 160 °C
Test Voltage (AC)	: 4 kV
Installation temperature minimum	: 5 °C
Minimum Bending Radius	: 12xD
Rated Voltage	: 0.6/1kV

USAGE AREAS

It is used in places where the mechanical stresses are low. used as surface mounted. in ducts. underground. as mains and lighting cable.



Max. Operating temperature



Short circuit temperature



Test Voltage (AC) 4 kV



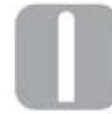
Flame retardant IEC 60332-1



Lead-free



Stranded



Solid



Installation temperature min 5°C



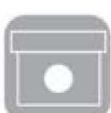
Distribution panels



In conduit



Outdoor



In concrete



Direct buried



Industrial installations

TECHNICAL DATA

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NYV / YVV (0.6/1kV)

Rated Cross-section	Overall Diameter of Cable (Approx)	Current Carrying Capacity in		Conductor DC Resistance at 20°C	Net Weight (Approx)	Amount of Packing	Packing
		Air	Ground				
mm ²	mm	A	A	ohm / km	kg / km	m	C: Coil R: Reel

1 X 4 re	6.7	37	50	4.61	100	100	C 100
1 X 6 re	7.3	47	62	3.08	125	100	C 100
1 X 10 rm	8.1	64	83	1.83	145	1000	R 600
1 X 16 rm	9.1	84	107	1.15	206	1000	R 700
1 X 25 rm	10.8	114	138	0.727	307	1000	R 800
1 X 35 rm	12.00	139	164	0.524	405	1000	R 800
1 X 50 rm	13.40	169	195	0.387	527	1000	R 900
1 X 70 rm	15.4	213	238	0.268	744	1000	R 1000
1 X 95 rm	17.8	264	286	0.198	1017	1000	R 1000
1 X 120 rm	19.2	307	325	0.153	1255	1000	R 1100
1 X 150 rm	21.2	352	365	0.124	1539	1000	R 1200
1 X 185 rm	23.9	406	413	0.0991	1941	1000	R 1300
1 X 240 rm	26.9	483	479	0.0754	2519	1000	R 1500
1 X 300 rm	29.7	557	541	0.0601	3069	1000	R 1500
2 X 1.5 re	9.9	19.5	27	12.1	141	100	C 100
2 X 2.5 re	10.7	25	36	7.41	175	100	C 100
2 X 4 re	12.4	34	47	4.61	245	100	C 100
2 X 6 re	13.4	43	59	3.08	304	100	C 100
2 X 10 rm	16	59	79	1.83	453	1000	R 1000
2 X 16 rm	18	79	102	1.15	618	1000	R 1100
2 X 25 rm	20.9	106	133	0.727	882	1000	R 1200
2 X 35 rm	23.00	129	159	0.524	1250	1000	R 1300
3 X 1.5 re	10.3	19.5	27	12.1	160	100	C 100
3 X 2.5 re	11.2	25	36	7.41	204	100	C 100
3 X 4 re	13	34	47	4.61	288	100	C 100
3 X 6 re	14.1	43	59	3.08	366	100	C 100
3 x 10 rm	16.70	59	79	1.83	541	1000	R 1000
3 x 16 rm	18.80	79	102	1.15	751	1000	R 1200
3 x 25 rm	22.20	106	133	0.727	1103	1000	R 1200
3 x 35 rm	25.6	129	159	0.524	1499	1000	R 1400
3 x 50 rm	29	157	188	0.387	1964	1000	R 1500
3 x 70 rm	33.20	199	232	0.268	2725	1000	R 1600
3 x 95 rm	38.80	246	280	0.198	3753	1000	R 1800
3 x 120 rm	41.90	285	318	0.153	4585	1000	R 1800
3 x 150 rm	46.40	326	359	0.124	5631	500	R 1600
3 x 185 rm	52	374	406	0.0991	7071	500	R 1700
3 x 240 rm	58.9	445	473	0.0754	9189	500	R 1800
3 x 300 rm	65.8	511	535	0.0601	11326	250	R 1600

TECHNICAL DATA

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NYV / YVV (0.6/1kV)

Rated Cross-section	Overall Diameter of Cable (Approx)	Current Carrying Capacity in		Conductor DC Resistance at 20°C	Net Weight (Approx)	Amount of Packing	Packing
		Air	Ground				
mm ²	mm	A	A	ohm / km	kg / km	m	C: Kangal/Coil R: Makara/Reel
4X1.5 re	11.1	19.5	27	12.1	189	100	C 100
4X2.5 re	12.1	25	36	7.41	243	100	C 100
4X4 re	14.1	34	47	4.61	347	100	C 100
4X6 re	15.4	43	59	3.08	447	100	C 100
4X10 rm	19.6	59	79	1.83	730	1000	R 1200
4X16 rm	21.2	79	102	1.15	968	1000	R 1300
4X25 rm	25.4	106	133	0.727	1445	1000	R 1500
4X35 rm	28.2	129	159	0.524	1882	1000	R 1600
4X50 rm	32.5	157	188	0.387	2517	1000	R 1700
4X70 rm	36.9	199	232	0.268	3465	500	R 1500
4X95 rm	42.6	246	280	0.198	4716	500	R 1600
4X120 rm	46.5	285	318	0.153	5838	500	R 1800
4X150 rm	51.4	326	359	0.124	7155	250	R 1500
4X185 rm	57.8	374	406	0.0991	9009	250	R 1600
4X240 rm	65.5	445	473	0.0754	11718	250	R 1700
5X1.5 re	12.9	19.5	27	12.1	249	1000	R 800
5X2.5 re	14	25	36	7.41	317	1000	R 900
5X4 re	16.3	34	47	4.61	449	1000	R 1000
5X6 re	17.7	43	59	3.08	572	1000	R 1100
5X10 rm	20.9	59	79	1.83	846	1000	R 1200
5X16 rm	23.5	79	102	1.15	1178	1000	R 1300
5X25 rm	28.4	106	133	0.727	1773	1000	R 1500
5X35 rm	31.8	129	159	0.524	2333	1000	R 1600
5X50 rm	35.8	157	188	0.387	3040	1000	R 1700
5X70 rm	41.3	199	232	0.268	4260	500	R 1600
5X95 rm	47.7	246	280	0.198	5798	500	R 1700
5X120 rm	51.4	285	318	0.153	7093	250	R 1500
5X150 rm	56.9	326	359	0.124	8703	250	R 1600
5X185 rm	64.2	374	406	0.0991	10989	250	R 1800
5X240 rm	72.4	445	473	0.0754	14230	250	R 1800
7x1.5 rm	13.8	19.5	27	12.1	300	1000	R 800
7x2.5 rm	15	25	36	7.41	390	1000	R 900
10x1.5 rm	16.8	19.5	27	12.1	450	1000	R 1000
10x2.5 rm	18.4	25	36	7.41	590	1000	R 1000
12x1.5 rm	17.2	19.5	27	12.1	490	1000	R 1000
12x2.5 rm	18.9	25	36	7.41	640	1000	R 1100
14x1.5 rm	18	19.5	27	12.1	540	1000	R 1000
14x2.5 rm	19.7	25	36	7.41	710	1000	R 1100
15x1.5 rm	18.8	19.5	27	12.1	590	1000	R 1100
15x2.5 rm	20.7	25	36	7.41	780	1000	R 1100
16x1.5 rm	18.8	19.5	27	12.1	600	1000	R 1100
16x2.5 rm	20.7	25	36	7.41	800	1000	R 1100
19x1.5 rm	19.7	19.5	27	12.1	670	1000	R 1100
19x2.5 rm	21.7	25	36	7.41	900	1000	R 1200
24x1.5 rm	23.2	19.5	27	12.1	900	1000	R 1200
24x2.5 rm	24.4	25	36	7.41	1160	1000	R 1300
3X16+10 rm	21	79	102	1.15/1.83	910	1000	R 1200
3X25+16 rm	24.5	106	133	0.727/1.15	1323	1000	R 1300
3X35+16 rm	26.5	129	159	0.524/1.15	1640	1000	R 1400
3X50+25 rm	30.7	157	188	0.387/0.727	2234	1000	R 1500
3X70+35 rm	34.7	199	232	0.268/0.524	3056	1000	R 1600
3X95+50 rm	40.1	246	280	0.193/0.387	4163	500	R 1500
3X120+70 rm	43.8	285	318	0.153/0.268	5217	500	R 1500
3X150+70 rm	47.6	326	359	0.124/0.268	6201	500	R 1600
3X185+95 rm	54.2	374	406	0.0991/0.193	7972	250	R 1500
3X240+120 rm	60.4	445	473	0.754/0.153	10198	250	R 1500