



NY Y Cu/PVC/PVC 0.6/1 kV

DescriptionDESCRIPTION:

Power cable 0.6/1kV with Cu conductors,
PVC insulated and PVC sheathed

CABLE STRUCTURE:

Conductor: [re]round solid conductor
[rm]circular stranded conductor
[sm]Sector shape conductor

Insulation: PVC

Filler: PVC

Out Sheath: PVC or FR-PVC type
ST1/ST2/ST8,black

CODE DESIGNATION: NY Y

APPLICATION:

The NY Y cable is Power and control cable
for fixed installation.Can be used indoors,
outdoors,underground,in concrete and
in water.

TECHNICAL DATA:

Voltage Rating:

U₀/U 0.6/1kV

Temperature Rating Fixed:

-15°C to+70°C

Flexed:

-5°C to +50°C

Minimum Bending Radius:

12×overall diameter

STANDARDS:

Indonesia standards:

Conductor SNI IEC 60228;

PVC Insulation SNI IEC 60502-1;

PVC Sheath Grade ST1 to

SNI IEC 60502-1.Black.

European standards:

IEC 60502-1,VDE 0276-603,IS 1516.1

Flame retardant according to IEC 60332-1

CERTIFICATES:

We hold SAA, CE, TUV and CCC certifications for
our product categories. Additionally, we possess
other authoritative certifications recognized in
various countries and regions. For further details
on our certification portfolio, please do not
hesitate to contact us.





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Specifications

Nom.Cross-section Area	Nominal Thickness		Overall Diameter	Cable Weight	DC Resistance at 20°C Insulation min	Current Carrying Capacity at 30°C	
	Insulation	Outer Sheath				In Air	In Ground
mm ²	mm	mm	mm	km/kg	Ω/km	A	
1 × 1.5 re	0.8	1.4	5.8	50	12	27	27
1 × 1.5 rm	0.8	1.4	6	52	11	24	27
1 × 2.5 re	0.8	1.4	6.2	63	10	27	35
1 × 2.5 rm	0.8	1.4	6.5	67	9	27	35
1 × 4 re	1.0	1.4	7.1	87	10	37	46
1 × 4 rm	1.0	1.4	7.4	92	9	37	46
1 × 6 re	1.0	1.4	7.6	110	9	46	57
1 × 6 rm	1.0	1.4	8	117	8	46	57
1 × 10 re	1.0	1.4	8.5	157	7	64	76
1 × 10 rm	1.0	1.4	8.8	163	6	64	76
1 × 16 rm	1.0	1.4	10	227	5	84	98
1 × 25 rm	1.2	1.4	11.6	336	5	114	127
1 × 35 rm	1.2	1.4	12.7	437	4	140	152
1 × 50 rm	1.4	1.4	14.3	562	4	172	180
1 × 70 rm	1.4	1.4	16	768	4	218	220
1 × 95 rm	1.6	1.5	18.5	1049	4	270	264
1 × 120 rm	1.6	1.5	20	1280	3	315	300
1 × 150 rm	1.8	1.6	22.5	1275	3	362	336
1 × 185 rm	2.0	1.7	24.5	1959	3	420	379
1 × 240 rm	2.2	1.8	28	2538	3	503	439
1 × 300 rm	2.4	1.9	31	3157	3	580	494
1 × 400 rm	2.6	2.0	34	3995	3	674	558
1 × 500 rm	2.8	2.1	38	5075	3	781	629
1 × 630 rm	2.8	2.3	43	6449	3	901	704



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	Insulation	Outer Sheath				In Air	In Ground
mm ²	mm	mm	mm	km/kg	Ω/km	A	
2×1.5 re	0.8	1.8	10.8	159	12	27	21
2×1.5 rm	0.8	1.8	11.1	168	11	27	21
2×2.5 re	0.8	1.8	11.6	196	10	36	29
2×2.5 rm	0.8	1.8	12.1	209	9	36	29
2×4 re	1.0	1.8	13.3	269	10	47	38
2×4 rm	1.0	1.8	13.9	289	9	47	38
2×6 re	1.0	1.8	14.3	333	9	59	48
2×6 rm	1.0	1.8	15.1	359	8	59	48
2×10 re	1.0	1.8	16.1	452	7	78	66
2×10 rm	1.0	1.8	16.8	485	6	78	66
2×16 rm	1.0	1.8	18.9	657	5	102	90
2×25 rm	1.2	1.8	22.3	959	5	134	120
2×35 rm	1.2	1.8	24.5	1224	4	160	150
2×50 rm	1.4	1.8	27.7	4578	4	187	180
2×70 rm	1.4	1.9	31.4	2131	4	230	230
2×95 rm	1.6	2	36.4	2905	4	280	275
2×120 rm	1.6	2.1	39.7	3531	3	320	320
2×150 rm	1.8	2.2	43.7	4321	3	355	379
2×185 rm	2.0	2.4	48.6	5368	3	409	430
2×240 rm	2.2	2.6	55.1	6964	3	472	510
2×300 rm	2.4	2.7	60.8	8605	3	525	590
3×1.5 re	0.8	1.8	11.2	181	12	24	18
3×1.5 rm	0.8	1.8	11.6	191	11	24	18
3×2.5 re	0.8	1.8	12.1	229	10	32	25
3×2.5 rm	0.8	1.8	12.6	245	9	32	25
3×4 re	1.0	1.8	14	319	10	41	34
3×4 rm	1.0	1.8	14.6	342	9	41	34
3×6 re	1.0	1.8	15.1	401	9	52	44
3×6 rm	1.0	1.8	15.9	433	8	52	44
3×10 re	1.0	1.8	17.1	578	7	69	60
3×10 rm	1.0	1.8	17.8	596	6	69	60
3×16 rm	1.0	1.8	20	822	5	89	80
3×25 rm	1.2	1.8	23.6	1213	5	116	105
3×35 rm	1.2	1.8	26	1565	4	138	130
3×50 rm	1.4	1.8	25.3	1898	4	165	160
3×70 rm	1.4	2.0	28.6	2580	4	205	200
3×95 rm	1.6	2.1	32.7	3485	4	245	245
3×120 rm	1.6	2.2	35.5	4312	3	285	285



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	Insulation	Outer Sheath				In Air	In Ground
mm ²	mm	mm	mm	km/kg	Ω/km	A	
3×150 rm	1.8	2.3	39.2	5300	3	315	325
3×185 rm	2.0	2.5	43.8	6478	3	355	370
3×240 rm	2.2	2.7	49.3	8491	3	415	435
3×300 rm	2.4	3.1	55	10652	3	535	600
4×1.5 re	0.8	1.8	12	213	12	24	18
4×1.5 rm	0.8	1.8	12.4	224	11	24	18
4×2.5 re	0.8	1.8	13	273	10	32	25
4×2.5 rm	0.8	1.8	13.6	292	9	32	25
4×4 re	1.0	1.8	15.1	385	10	41	34
4×4 rm	1.0	1.8	15.8	413	9	41	34
4×6 re	1.0	1.8	16.3	490	9	52	44
4×6 rm	1.0	1.8	17.2	527	8	52	44
4×10 re	1.0	1.8	20.3	724	7	69	60
4×10 rm	1.0	1.8	21	743	6	69	60
4×16 rm	1.0	1.8	24	1035	5	89	80
4×25 rm	1.2	1.8	28	1541	5	116	105
4×35 rm	1.2	1.8	30	1999	4	138	130
4×50 rm	1.4	1.9	32	2498	4	165	160
4×70 rm	1.4	2.1	36	3374	4	205	200
4×95 rm	1.6	2.2	40	4536	4	245	245
4×120 rm	1.6	2.3	44	5676	3	285	285
4×150 rm	1.8	2.5	49	6910	3	315	325
4×185 rm	2.0	2.7	53	8596	3	355	370
4×240 rm	2.2	2.9	60	11087	3	415	435
4×300 rm	2.4	3.1	66	13549	3	465	500
5×1.5 re	0.8	1.8	12.8	255	12	24	18
5×1.5 rm	0.8	1.8	13.3	268	11	24	18
5×2.5 re	0.8	1.8	14	329	10	32	25
5×2.5 rm	0.8	1.8	14.6	352	9	32	25
5×4 re	1.0	1.8	16.3	470	10	41	34
5×4 rm	1.0	1.8	17.1	505	9	41	34
5×6 re	1.0	1.8	17.7	602	9	52	44
5×6 rm	1.0	1.8	18.6	650	8	52	44
5×10 re	1.0	1.8	20.4	893	7	69	60
5×10 rm	1.0	1.8	21.1	912	6	69	60
5×16 rm	1.0	1.8	23.8	1279	5	89	80
5×25 rm	1.2	1.8	28.3	1914	5	116	105
5×35 rm	1.2	1.9	31.5	2505	4	138	130
5×50 rm	1.4	2.0	36.4	3273	4	165	160