



Cu/PVC/PVC 0.6/1 kV (NYY) Control Cable

DESCRIPTION:

Copper Conductor PVC Insulated and
PVC Sheathed non Armoured Control Cable

CABLE STRUCTURE:

Conductor:

Annealed plain copper round solid or round
circular stranded

[re] Round solid conductor

[rm] Circular stranded conductor

Insulation:

PVC

Filler:

PVC

Sheath:

PVC or FR-PVC type ST1/ST2, black

STANDARDS:

European standards:

IEC 60502-1, VDE 0276-603, HD 603, IEC 60228

Flame retardant according to IEC/EN 60332-1-2

Indonesia standards:

Conductor SNI IEC 60228

PVC Insulation SNI IEC 60502-1

PVC Sheath Grade ST1 to SNI IEC 60502-1. Black

TECHNICAL DATA:

Voltage Rating U_0/U 0.6/1kV

Temperature Rating Maximum Operating:

Fixed: -15°C to +70°C

Flexed: -5°C to +50°C

Minimum Bending Radius Fixed:

12 x overall diameter

CODE DESIGNATION: NYY

APPLICATION:

Indoor and outdoor induct installation or of
laying in the ground where not sustain
mechanical damage.

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	MΩ/km	A	
7 × 1.5 re	0.8	1.8	14.5	324	12	17	13
7 × 1.5 rm	0.8	1.8	15	341	11	17	13
8 × 1.5 re	0.8	1.8	15.5	362	12	16	12
8 × 1.5 rm	0.8	1.8	16	381	11	16	12
10 × 1.5 re	0.8	1.8	17.4	434	12	15	12
10 × 1.5 rm	0.8	1.8	18.1	458	11	15	12
12 × 1.5 re	0.8	1.8	17.9	480	12	14	11
12 × 1.5 rm	0.8	1.8	18.6	506	11	14	11
14 × 1.5 re	0.8	1.8	18.7	542	12	13	11
14 × 1.5 rm	0.8	1.8	19.5	572	11	13	11
16 × 1.5 re	0.8	1.8	19.5	599	12	12	10
16 × 1.5 rm	0.8	1.8	20.3	632	11	12	10
19 × 1.5 re	0.8	1.8	20.4	670	12	12	9
19 × 1.5 rm	0.8	1.8	21.3	707	11	12	9
21 × 1.5 re	0.8	1.8	21.4	728	12	11	9
21 × 1.5 rm	0.8	1.8	22.3	768	11	11	9
24 × 1.5 re	0.8	1.8	23.4	821	12	11	8
24 × 1.5 rm	0.8	1.8	24.4	866	11	11	8
30 × 1.5 re	0.8	1.8	24.6	970	12	11	8
30 × 1.5 rm	0.8	1.8	25.7	1024	11	11	8
40 × 1.5 re	0.8	1.8	27.3	1226	12	11	8
40 × 1.5 rm	0.8	1.8	28.5	1294	11	11	8
52 × 1.5 re	0.8	1.9	32	1585	12	11	8
52 × 1.5 rm	0.8	1.9	33.4	1673	11	11	8
61 × 1.5 re	0.8	2.0	33	1815	12	11	8
61 × 1.5 rm	0.8	2.0	34.6	1916	11	11	8



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	Insulation	Outer Sheath				In Air	In Ground
mm ²	mm	mm	mm	km/kg	MΩ/km	A	
7×2.5 re	0.8	1.8	15.8	421	10	26	21
7×2.5 rm	0.8	1.8	16.5	450	9	26	21
8×2.5 re	0.8	1.8	16.9	471	10	23	18
8×2.5 rm	0.8	1.8	17.7	505	9	23	18
10×2.5 re	0.8	1.8	19.1	570	10	21	17
10×2.5 rm	0.8	1.8	20.1	611	9	21	17
12×2.5 re	0.8	1.8	19.7	637	10	20	16
12×2.5 rm	0.8	1.8	20.7	682	9	20	16
14×2.5 re	0.8	1.8	20.5	724	10	18	15
14×2.5 rm	0.8	1.8	21.6	777	9	18	15
16×2.5 re	0.8	1.8	21.5	804	10	17	14
16×2.5 rm	0.8	1.8	22.6	863	9	17	14
19×2.5 re	0.8	1.8	22.5	907	10	17	13
19×2.5 rm	0.8	1.8	23.6	974	9	17	13
21×2.5 re	0.8	1.8	23.6	989	10	16	12
21×2.5 rm	0.8	1.8	24.9	1062	9	16	12
24×2.5 re	0.8	1.8	25.9	1118	10	15	11
24×2.5 rm	0.8	1.8	27.3	1200	9	15	11
30×2.5 re	0.8	1.8	27.3	1335	10	14	11
30×2.5 rm	0.8	1.8	28.8	1433	9	14	11
40×2.5 re	0.8	1.9	30.5	1718	10	14	11
40×2.5 rm	0.8	1.9	32.3	1846	9	14	11
52×2.5 re	0.8	2.0	35.8	2220	10	14	11
52×2.5 rm	0.8	2.0	37.9	2384	9	14	11
61×2.5 re	0.8	2.1	37	2552	10	14	11
61×2.5 rm	0.8	2.1	39.1	2741	9	14	11