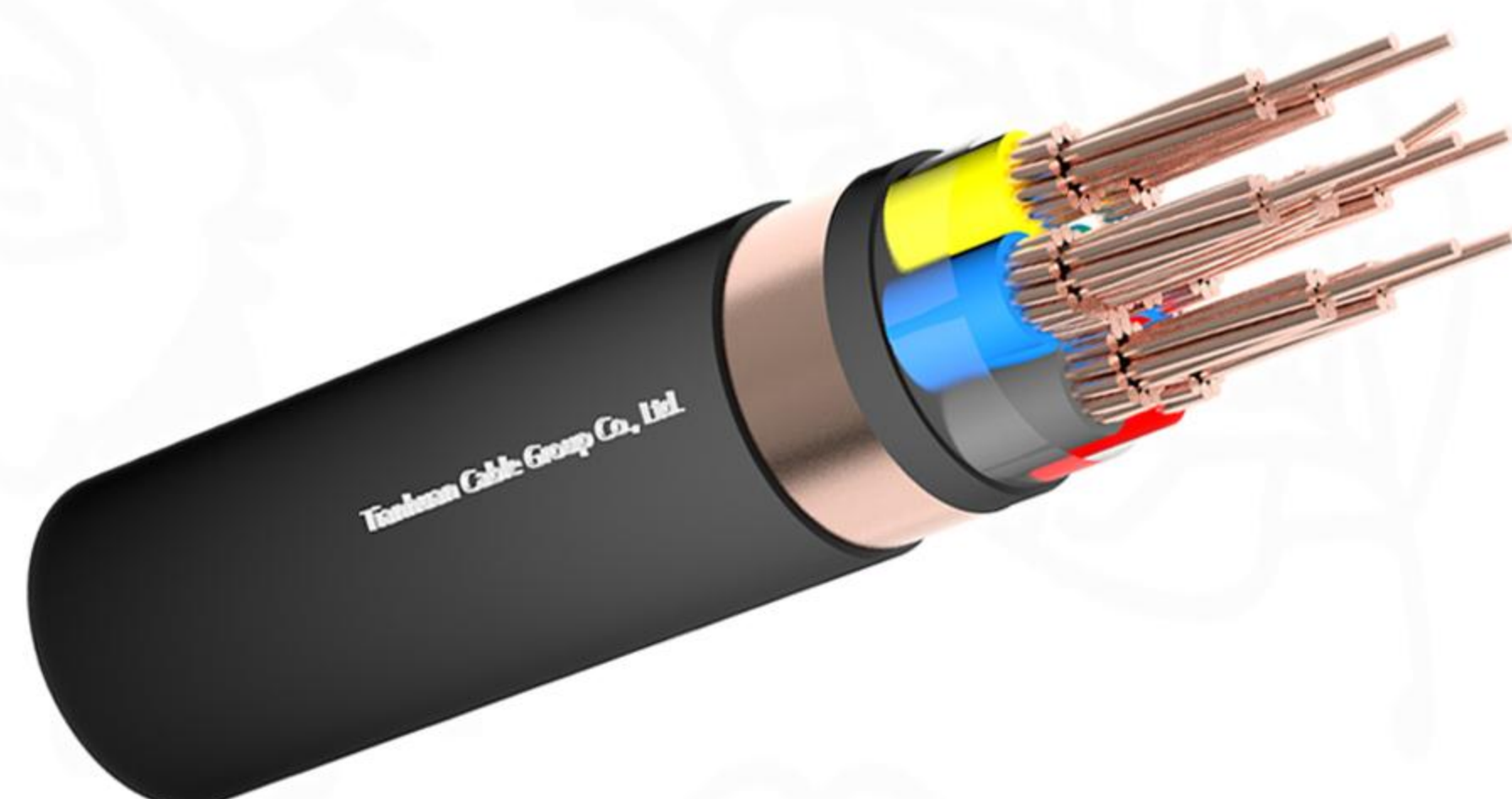




Cu/PVC/CTS/PVC 0.6/1 kV (NYSY) Control Cable

DESCRIPTION:

Copper Conductor PVC Insulated,
Copper Tape Screened & PVC Sheathed 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

Shield:

Helically copper tape screened with
nominal thickness 0.1 mm

Sheath:

PVC or FR-PVC type STI/ST2, black

STANDARDS:

European standards:

VDE 0276-603, VDE 0276-627 (25 cores)

Flame Retardant: VDE 0482-332-1-2/IEC 60332-1-2

UV Resistant HD 308

Indonesia standards:

Conductor SNI IEC 60228

PVC Insulation SNI IEC 60502-1

PVC Sheath Grade STI to SNI IEC 60502-1

TECHNICAL DATA:

Voltage Rating U_0/U 0.6/1kV

Test Voltage 4kV

Temperature Rating

Maximum Operating: +70°C

Maximum Short-Circuit: +250°C

CODE DESIGNATION: NYSY

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	14.9	357	12	17	13
7×1.5 rm	0.8	1.8	15.5	372	11	17	13
8×1.5 re	0.8	1.8	16.1	394	12	16	12
8×1.5 rm	0.8	1.8	16.5	418	11	16	12
10×1.5 re	0.8	1.8	18.2	475	12	15	11
10×1.5 rm	0.8	1.8	18.6	496	11	15	11
12×1.5 re	0.8	1.8	18.7	518	12	14	11
12×1.5 rm	0.8	1.8	19.2	545	11	14	11
14×1.5 re	0.8	1.8	19.4	586	12	13	10
14×1.5 rm	0.8	1.8	20.2	613	11	13	10
16×1.5 re	0.8	1.8	20.4	642	12	12	10
16×21.5 rm	0.8	1.8	20.8	675	11	12	10
19×1.5 re	0.8	1.8	21.2	718	12	12	9
19×1.5 rm	0.8	1.8	21.8	757	11	12	9
21×1.5 re	0.8	1.8	22.2	778	12	11	9
21×1.5 rm	0.8	1.8	22.8	820	11	11	9
24×1.5 re	0.8	1.8	23.8	872	12	11	8
24×1.5 rm	0.8	1.8	25	928	11	11	8
30×1.5 re	0.8	1.8	25.3	1026	12	11	8
30×1.5 rm	0.8	1.8	26.7	1085	11	11	8
40×1.5 re	0.8	1.8	27.6	1288	12	11	8
40×1.5 rm	0.8	1.8	29.4	1356	11	11	8
52×1.5 re	0.8	1.8	31.8	1656	12	11	8
52×1.5 rm	0.8	1.8	33.4	1752	11	11	8
61×1.5 re	0.8	1.8	33.7	1893	12	11	8
61×1.5 rm	0.8	1.8	35.2	1990	11	11	8



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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	
7×2.5 re	0.8	1.8	15.8	458	10	23	18
7×2.5 rm	0.8	1.8	16.6	486	9	23	18
8×2.5 re	0.8	1.8	17.1	509	10	21	17
8×2.5 rm	0.8	1.8	18.3	545	9	21	17
10×2.5 re	0.8	1.8	19.3	617	10	20	16
10×2.5 rm	0.8	1.8	20.5	656	9	20	16
12×2.5 re	0.8	1.8	20.7	682	10	18	15
12×2.5 rm	0.8	1.8	21.5	732	9	18	15
14×2.5 re	0.8	1.8	21.8	775	10	17	14
14×2.5 rm	0.8	1.8	22.5	826	9	17	14
16×2.5 re	0.8	1.8	22.6	854	10	17	13
16×2.5 rm	0.8	1.8	23.4	917	9	17	13
19×2.5 re	0.8	1.8	23.6	962	10	16	13
19×2.5 rm	0.8	1.8	24.8	1027	9	16	13
21×2.5 re	0.8	1.8	25.1	1055	10	15	12
21×2.5 rm	0.8	1.8	25.8	1136	9	15	12
24×2.5 re	0.8	1.8	26.2	1210	10	14	11
24×2.5 rm	0.8	1.8	26.8	1292	9	14	11
30×2.5 re	0.8	1.8	28.3	1426	10	14	11
30×2.5 rm	0.8	1.8	30.2	1535	9	14	11
40×2.5 re	0.8	1.8	31.7	1840	10	14	11
40×2.5 rm	0.8	1.8	33.5	1973	9	14	11
52×2.5 re	0.8	1.8	37.4	2358	10	14	11
52×2.5 rm	0.8	1.8	38.6	2534	9	14	11
61×2.5 re	0.8	1.8	40.6	2701	10	14	11
61×2.5 rm	0.8	1.8	41.4	2895	9	14	11