



NYCY Cu/PVC/CWS/PVC 0.6/1 kV

DESCRIPTION:

Power and signalling cable 0.6/1kV,
PVC insulated and sheathed,with concentric
protective Cu conductor

CABLE STRUCTURE:

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

Insulation: PVC

Filler: PVC

Shield: Helically copper wire with transverse
helix of annealed copper tape

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

CODE DESIGNATION: NYCY

APPLICATION:

For use indoors,in cable ducts,outdoors,
in water,inconcrete and in ground for
power plants,industrial plants,as well
as in local power networks,if increased
electrical protection is required.

TECHNICAL DATA:

Voltage Rating: Uo/U

0.6/1kV

Test Voltage:

4 KV

Temperature Rating Maximum Operating:

+70°C

Maximum Short-Circuit:

+250°C

Minimum Bending Radius:

15×overall diameter

STANDARDS:

European standards:

VDE 0276-603,VDE 0276-627(≥5 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 ST1 to SNI IEC 60502-1.

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	
2×1.5 re/1.5	0.8	1.8	13.5	230	12	27	21
2×1.5 rm/1.5	0.8	1.8	13.9	242	11	27	21
2×2.5 re/2.5	0.8	1.8	14.5	281	10	36	29
2×2.5 rm/2.5	0.8	1.8	16.2	290	9	36	29
2×4 re/4	1.0	1.8	16.8	370	10	47	38
2×4 rm/4	1.0	1.8	17.2	395	9	47	38
2×6 re/6	1.0	1.8	17.8	454	9	59	48
2×6 rm/6	1.0	1.8	18.1	485	8	59	48
2×10 re/10	1.0	1.8	19.8	635	7	78	66
2×10 rm/10	1.0	1.8	20.2	658	6	78	66
2×16 rm/16	1.0	1.8	22	891	5	102	90
2×25 rm/16	1.2	1.8	25.6	1207	5	134	120
2×35 rm/16	1.2	1.8	27.8	1476	4	180	150
2×50 rm/25	1.4	1.9	31.3	1928	4	210	180
2×70 rm/35	1.4	2.0	35.8	2605	4	260	230
2×95 rm/50	1.6	2.2	40.4	3557	4	315	280
2×120 rm/70	1.6	2.3	43.6	4376	3	320	320
2×150 rm/70	1.8	2.4	48.5	5208	3	355	375
2×185 rm/95	2.0	2.6	53.8	6546	3	409	430
2×240 rm/120	2.2	2.8	60.6	8368	3	472	510
2×300 rm/150	2.4	3.0	67.5	10385	3	525	590
3×1.5 re/1.5	0.8	1.8	14.1	260	12	24	18
3×1.5 rm/1.5	0.8	1.8	14.4	271	11	24	18
3×2.5 re/2.5	0.8	1.8	14.9	322	10	32	25
3×2.5 rm/2.5	0.8	1.8	15.5	339	9	32	25
3×4 re/4	1.0	1.8	16.9	427	10	41	34
3×4 rm/4	1.0	1.8	17.5	456	9	41	34
3×6 re/6	1.0	1.8	18.2	535	9	52	44
3×6 rm/6	1.0	1.8	19.1	568	8	52	44
3×10 re/10	1.0	1.8	20.9	759	7	69	60
3×10 rm/10	1.0	1.8	21.3	787	6	69	60



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mm ²	mm	mm	mm	km/kg	Ω/km	A	
3 × 16 rm/16	1.0	1.8	23.2	1068	5	89	80
3 × 25 rm/16	1.2	1.8	26.8	1476	5	116	105
3 × 35 rm/16	1.2	1.8	29.5	1438	4	138	130
3 × 50 sm/25	1.4	1.9	29.7	2216	4	165	160
3 × 70 sm/35	1.4	2.0	32.4	2985	4	205	200
3 × 95 sm/50	1.6	2.2	36.6	4065	4	245	245
3 × 120 sm/70	1.6	2.3	40.2	5073	3	285	285
3 × 150 sm/70	1.8	2.4	43.7	6082	3	315	325
4 × 1.5 re/1.5	0.8	1.8	14.7	236	12	24	18
4x1.5rm/1.5	0.8	1.8	15.2	249	11	24	18
4 × 2.5 re/2.5	0.8	1.8	15.8	303	10	32	25
4 × 2.5 rm/2.5	0.8	1.8	16.4	324	9	32	25
4 × 4 re/4	1.0	1.8	18.1	428	10	41	34
4 × 4 rm/4	1.0	1.8	18.9	457	9	41	34
4 × 6 re/6	1.0	1.8	19.3	546	9	52	44
4 × 6 rm/6	1.0	1.8	20.2	585	8	52	44
4 × 10 re/10	1.0	1.8	22.7	789	7	69	60
4 × 10 rm/10	1.0	1.8	22.3	817	6	69	60
4 × 16 rm/16	1.0	1.8	25.3	1155	5	89	80
4 × 25 rm/16	1.2	1.8	29.2	1648	5	116	105
4 × 35 rm/16	1.2	1.8	31.8	2095	4	138	130
4 × 50 sm/25	1.4	2.0	33.7	2664	4	165	160
4 × 70 sm/35	1.4	2.1	40.2	3573	4	205	200
4 × 95 sm/50	1.6	2.3	42.6	4880	4	245	245
4 × 120 sm/70	1.6	2.4	47.4	6153	3	285	285
4 × 150 sm/70	1.8	2.6	50.6	7377	3	315	325
4 × 185 sm/95	2.0	2.8	57.5	9195	3	355	370
4 × 240 sm/120	2.2	3.0	63.8	11865	3	415	435
4 × 300 sm/150	2.4	3.2	71.6	14420	3	465	500