



NA2XY Cu/XLPE/PVC 0.6/1 kV

DESCRIPTION:

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

CABLE STRUCTURE:

Conductor: [re] Round solid conductor
[rm] Circular stranded conductor

Insulation: XLPE

Filler: PVC

Out Sheath:

PVC or FR-PVC type ST1/ST2/ST8, black

Code designation: NA2XY

Application:

For Installations as underground,outdoor,
indoor,in ducts and where mechanical
protection is required or for higher tensile
stresses during installation and operation.

STANDARDS:**European standards:**

IEC 60502-1, VDE 0276-603

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

Indonesia standards:

Conductor SNI IEC 60228;

XLPE insulation SNI IEC 60502-1;

PVC Sheath Grade ST2 to IEC 60502-1,Black

TECHNICAL DATA:

Voltage Rating: U_0/U 0.6/1(1.2)kV

Nominal Voltage DC(core-earth/core-core):
1.8/1.8kV

Test Voltage: 4kV

Temperature Rating:

Flexed: 5°C to +70°C

Fixed: -35°C to +70°C

Maximum Short Circuit Temperature:
+250°C(max 5 seconds)

Minimum Bend Radius:

Single core: 15×overall diameter

Multi core: 12×overall diameter

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 × 16 rm	0.7	1.4	9.7	113	382	81	92
1 × 25 rm	0.9	1.4	10.8	150	394	109	118
1 × 35 rm	0.9	1.4	12.0	188	339	134	142
1 × 50 rm	1.0	1.4	13.6	240	313	165	168
1 × 70 rm	1.1	1.4	15.2	311	293	211	206
1 × 95 rm	1.1	1.6	17.7	426	255	260	245
1 × 120 rm	1.2	1.6	19.4	515	247	303	279
1 × 150 rm	1.4	1.6	21.4	628	259	353	313
1 × 185 rm	1.6	1.6	23.6	760	264	411	355
1 × 240 rm	1.7	1.8	26.8	983	246	494	412
1 × 300 rm	1.8	1.8	29.3	1195	234	571	465
1 × 400 rm	2.0	2.0	33.1	1525	228	688	536
1 × 500 rm	2.2	2.1	37.1	1923	225	796	609
1 × 630 rm	2.4	2.3	43.5	2473	223	932	692
2 × 25 rm	0.9	1.8	21.7	592	394	119	130
2 × 35 rm	0.9	1.8	24.0	735	339	145	157
2 × 50 rm	1.0	1.8	27.2	947	313	175	185
2 × 70 rm	1.1	1.8	30.8	1224	293	220	229
2 × 95 rm	1.1	2.0	35.4	1634	255	272	276
2 × 120 rm	1.2	2.1	39.0	1976	247	317	320
2 × 150 rm	1.4	2.2	43.2	2428	259	362	351
2 × 185 rm	1.6	2.3	48.2	3029	264	420	400
2 × 240 rm	1.7	2.5	54.2	3839	246	497	467
2 × 300 rm	1.8	2.7	60.1	4742	234	577	532



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	Insulation	Outer Sheath				In Air	In Ground
mm ²	mm	mm	mm	km/kg	Ω/km	A	
3×25rm	0.9	1.8	23.0	670	394	100	110
3×35rm	0.9	1.8	25.4	837	339	123	132
3×50 sm	1.0	1.8	27.5	913	313	149	156
3×70 sm	1.1	1.9	31.3	1225	293	189	193
3×95 sm	1.1	2.0	34.3	1539	255	233	232
3×120 sm	1.2	2.1	37.3	1888	247	271	268
3×150 sm	1.4	2.3	41.7	2371	259	310	296
3×185 sm	1.6	2.4	45.5	2846	264	359	336
3×240 sm	1.7	2.6	50.7	3637	246	429	429
3×300 sm	1.8	2.8	55.1	4393	234	496	447
4×25 rm	0.9	1.8	25.0	784	394	100	110
4×35 rm	0.9	1.8	27.7	986	339	123	132
4×50 sm	1.0	1.9	29.3	1115	313	149	156
4×70 sm	1.1	2.0	33.5	1517	293	189	193
4×95 sm	1.1	2.1	37.6	1949	255	233	232
4×120 sm	1.2	2.3	42.0	2477	247	271	268
4×150 sm	1.4	2.4	46.4	3034	259	310	296
4×185 sm	1.6	2.6	51.4	3699	264	359	336
4×240 sm	1.7	2.8	59.0	4851	246	429	429
4×300 sm	1.8	3.0	64.4	5757	234	496	447