



N2XA Cu/XLPE 0.6/1 kV

DESCRIPTION:

Power cable 0.6/1 kV with single core
Cu conductors, XLPE insulated

CABLE STRUCTURE:

Conductor: [re] round solid conductor
 [rm] circular stranded conductor
Insulation: XLPE

CODE DESIGNATION: N2XA

ApplicationAPPLICATION:

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

INDONESIA STANDARDS:

Conductor SNI IEC 60228, SPLN 41-1;
Insulation SNI IEC 60502 - 1, SPLN 41-9

TECHNICAL DATA:

Voltage Rating: U_o/U
0.6/1kV

Temperature Rating Maximum Operating:
+90°C

Maximum Short-Circuit:
+250°C

Minimum Bending Radius:
15×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 Insulation	Overall Diameter	Cable Weight	DC Resistance at 20°C Insulation min	Current Carrying Capacity at 30°C	
					In Air	In Pipe
mm ²	mm	mm	km/kg	Ω/km	A	
1 × 1.5 re	0.7	3.0	18	1121	27	17
1 × 1.5 rm	0.7	3.0	19	1020	27	17
1 × 2.5 re	0.7	3.2	28	940	37	23
1 × 2.5 rm	0.7	3.5	29	842	37	23
1 × 4 re	0.7	3.7	42	784	49	29
1 × 4 rm	0.7	4.0	44	704	49	29
1 × 6 re	0.7	4.2	61	667	62	36
1 × 6 rm	0.7	4.6	63	590	62	36
1 × 10 re	0.7	5.0	99	538	85	52
1 × 10 rm	0.7	5.5	103	473	85	52
1 × 16 rm	0.7	6.6	159	392	112	70
1 × 25 rm	0.9	8.3	253	400	161	95
1 × 35 rm	0.9	9.5	346	348	182	119
1 × 50 rm	1.0	11	462	326	226	151
1 × 70 rm	1.1	13	664	303	283	190
1 × 95 rm	1.1	15	912	262	336	227
1 × 120 rm	1.2	17	1147	254	396	271
1 × 150 rm	1.4	19	1413	266	449	—
1 × 185 rm	1.6	21	1775	271	514	—
1 × 240 rm	1.7	24	2332	252	607	—
1 × 300 rm	1.8	27	2904	240	669	—
1 × 400 rm	2.0	30	3710	235	831	—
1 × 500 rm	2.2	34	4673	228	950	—