



**0.6/1(1.2)kV
AL/XLPE(PE) Insulated
NFA2X-T/NFA2X
Aerial Bundled Cables
without Street Lighting Conductor**

DESCRIPTION:

The aerial Bundled cables designed for overhead distribution lines have an insulated neutral messenger made of AAAC, which the insulated aluminium phase conductor are helically wound over it. Cables are rated at 0.6/1(1.2)kV and conform to IEC60502.

CABLE STRUCTURE:

Conductor:

Phase

The phase conductor shall be of H68 Condition aluminium conductor and compacted circular stranded.

Neutral or messenger

The Neutral or messenger conductor shall be of aluminium alloy conductor and compacted circular stranded.

Insulation:

The phase, neutral conductors shall be extruded with polyethylene(PE) as insulation.

STANDARD:

European standard:

HD 626 S1, VDE 0276-626

Indonesia Standard:

SPLN 42-10:1993 & SNI 04-1906:1990

(Other specifications are available upon request)

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

Phase conductor

Number of cores	Nom.Cross- section Area	Minimum number of wires	Insulation Thickness	Diameter of insulated core	Conductor Max. Resistance at 20°C	Current rating at still wind,ambient temperature=30°C Conductor temperature=75°C
	mm ²		mm	mm	Ω/km	A
1	16	6	1	6.8	1.91	61
3	16	6	1.2	8.5	1.20	61
3	25	6	1.2	6.8	0.868	84
3	35	6	1.6	9.5	0.320	104
3	50	6	2.0	11.2	0.253	129
3	70	12	1	13.0	0.206	167
3	95	15	1.4	15.1	1.91	209
3	120	15	1.4	16.6	0.641	246
3	150	30	1.6	18.4	0.443	283
3	185	30	1.8	20.6	0.164	332

Messenger conductor

Number of cores	Nom.Cross- section Area	Minimum number of wires	Insulation Thickness	Diameter of insulated core	Conductor Max. Resistance at 20°C	Calculated breaking load
	mm ²		mm	mm	Ω/km	kN
6	25	1.2	1.2	8.5	1.312	6.4
6	25	1.2	1.2	8.5	1.312	6.4
6	25	1.2	1.2	8.5	1.312	6.4
6	25	1.2	1.2	13.1	1.312	6.4
6	35	1.2	1.2	8.5	0.943	8.9
6	50	1.4	1.4	9.5	0.693	12.1
12	70	1.4	1.4	11.2	0.469	18.0
12	70	1.6	1.4	13.1	0.469	18.0
15	95	1.6	1.6	15.1	0.349	24.2
15	120	1.4	1.6	16.6	0.273	30.8



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Specifications

Completed cable

Approx. overall diameter	Approx. weight of cable	Packing length
mm	kg/km	m/drum
15.3	400	1000
19.0	500	1000
23.2	160	1000
25.6	290	1000
30.0	680	1000
34.9	920	1000
40.6	1270	500
44.1	1510	500
49.2	1870	500
54.9	2340	500