



# (N)FA2X-OT

XLPE insulated bundled overhead line with tube

INSULATED OVERHEADLINES

Conductors are designed for outdoor distribution of electrical energy in suspended design.



## TECHNICAL DATA



### Standard

adapted to DIN VDE 0276-626 (HD 626)  
ČSN 34 7614-4F  
ČSN 34 7614-9F



### Certificate

VDE Germany



### Test Voltage

4 kV / 50 Hz



### Rated Voltage

0.6/1 kV



### Bending radius (min.)

18 x  $\varnothing$  of cable



### Core identification

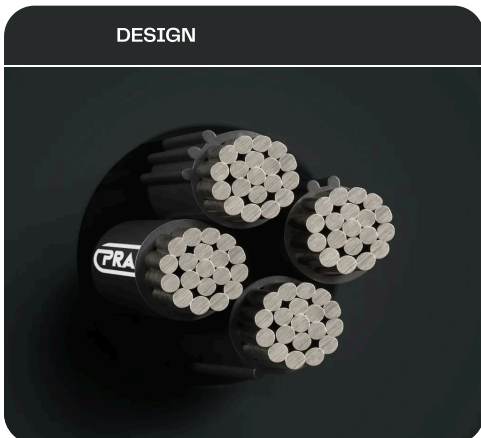
1, 2 resp. 3 raised longitudinal ribs on the surface of the cores. The surface of the neutral conductor is smooth.



### Temperature range

Laying temperature: min. -20°C  
Operating temperature: -30°C up to 80°C  
Conductor temperature: max. 80°C  
Short circuit temperature: max. 130°C

## DESIGN



- 1 Aluminium conductor with increased breaking load, round stranded compressed (RM)
- 2 Core insulation (XLPE black, UV-resistant); 2 or 4 cores of equal cross section are stranded together in left-hand lay, additionally 1 or 2 cores of reduced cross section can be co-stranded
- 3 HDPE Tube (black, UV-resistant)

Number of cores x nominal cross-section [mm <sup>2</sup> ]	Tube size	Max. conductor resistance (Ω/km)	Min. breaking load of conductor strand (kN)	Current rating in the air (A)	Outer diameter appr. (mm)	Total weight appr. (kg/km)
2 x 16 RM	+ OT 12/8 UV	1.9	2.5	81	15.6	150
4 x 16 RM	+ OT 12/8 UV	1.91	2.5	81	18.8	290
4 x 70 RM	+ OT 12/8 UV	0.443	10.7	205	31.8	1010

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