

Norm: NEN 73.77

Picture is informative only, not in scale

Self-supporting, bundle assembled, aerial cables EX with aluminum conductors and polyethylene insulation for overhead power lines with nominal voltage 0.6/1 kV

Phase and neutral conductors: Aluminium circular stranded conductors

Insulation: Low density polyethylene, UV resistant

Maximum conductor operating temperature: +70°C

Lowest installation temperature: -20°C

Maximum short-circuit conductor temperature: +160°C

Test voltage of complete cable: 4 kV AC 50Hz , 5 min.

Number and cross-sectional area of conductor $n \times \text{mm}^2$	Number of wires in conductor n	Nominal thickness of insulation mm	Approximate overall diameter mm	Approximate weight of cables kg/km	Maximum conductor resistance at 20°C Ω/km
2x25	7	1,3	17,1	190	1,20
3x25	7	1,3	18,3	290	1,20
3x50	7	1,4	23,8	500	0,641
3x95	19	1,6	32,1	930	0,320
4x25	7	1,3	20,5	390	1,20
4x50	7	1,4	26,7	670	0,641
4x95	19	1,6	36,0	1240	0,320

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