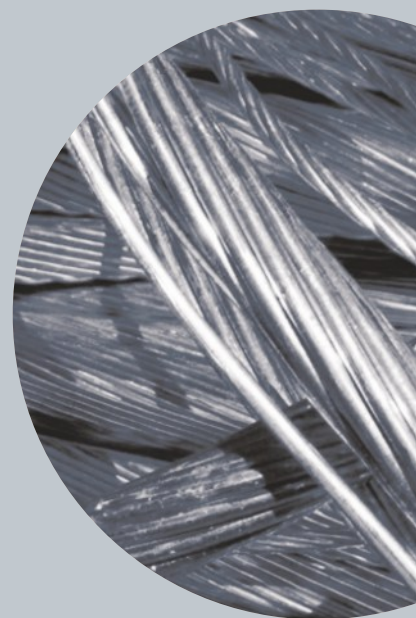
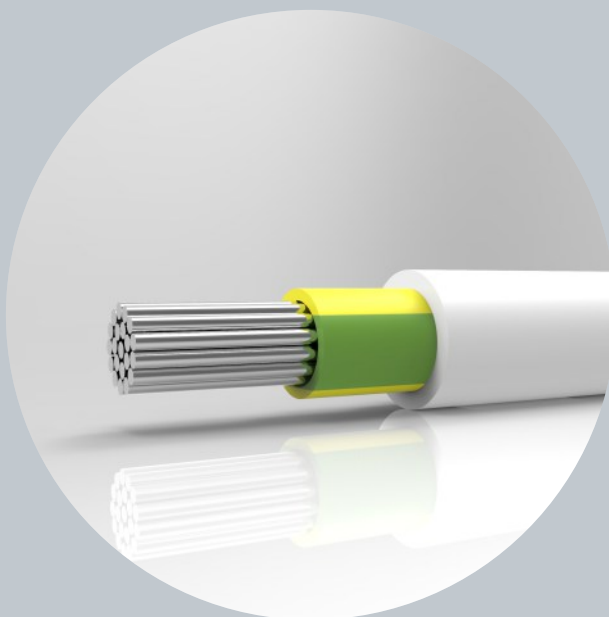


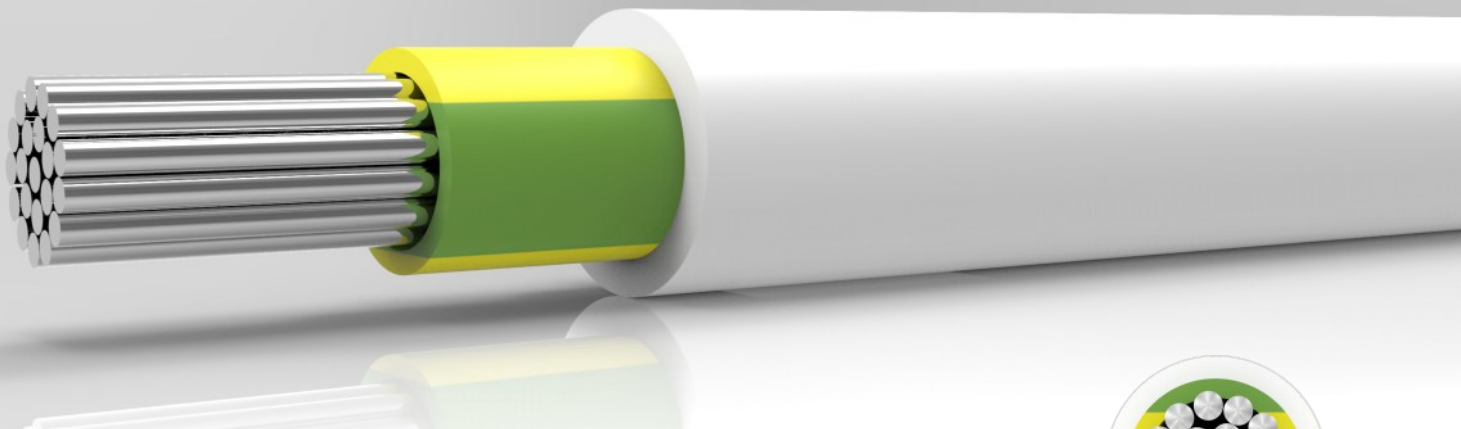


Aluminium power cables for voltage up to 1kV



NOIK-AL

**Halogen-free, single core wiring energy cable
with stranded aluminum conductor**



Aluminium power cables for voltage up to 1kV



APPLICATION

Suitable for being laid in the ground and onto cable trays. Where halogen-free and environmentally friendly cables are required. Conductor insulation must be protected against light exposure.



CONSTRUCTION

- Aluminum conductor, round stranded (RM)
- Core insulation (XLPE)
- Sheath (halogen-free polymer compound, UV resistant)



TEHNICAL DATA

Standard: IEC 60502
Rated voltage: 0.6 / 1kV
Test voltage: 4 kV / 50 Hz

Temperature range

Laying temperature: min. - 5 °C
 Conductor temperature: max. +90 °C
 Short-circuit temperature: max. +250 °C / 5 s

Bending radius (min): 15 x Ø of cable

Fire properties:

Halogen free: IEC/EN 60754-1
 Smoke density: IEC/EN 61034
 Fire test: IEC/EN 60332-1



CONSTRUCTION DATA OF POWER CABLES / NOIK-AL						
Number of cores x nominal cross section	Max. conductor resistance	Current rating in the ground	Current rating in the air	Outer diameter	Total weight (kg/km) ca.	Standard lengths / packig
(mm ²)	(Ω / km)	(A)	(A)	(mm) ca.	(kg/km)	(m)
1 x 50 RM	0.641	195	169	14.1	212	500 D, 1000 D
1 x 70 RM	0.443	238	213	16.2	294	500 D, 1000 D
1 x 95 RM	0.320	286	264	18.3	383	500 D, 1000 D
1 x 120 RM	0.253	325	307	20.0	472	500 D, 1000 D
1 x 150 RM	0.206	366	352	22.1	576	500 D, 1000 D
1 x 240 RM	0.125	479	483	27.5	919	500 D, 1000 D



Subject to technical changes.