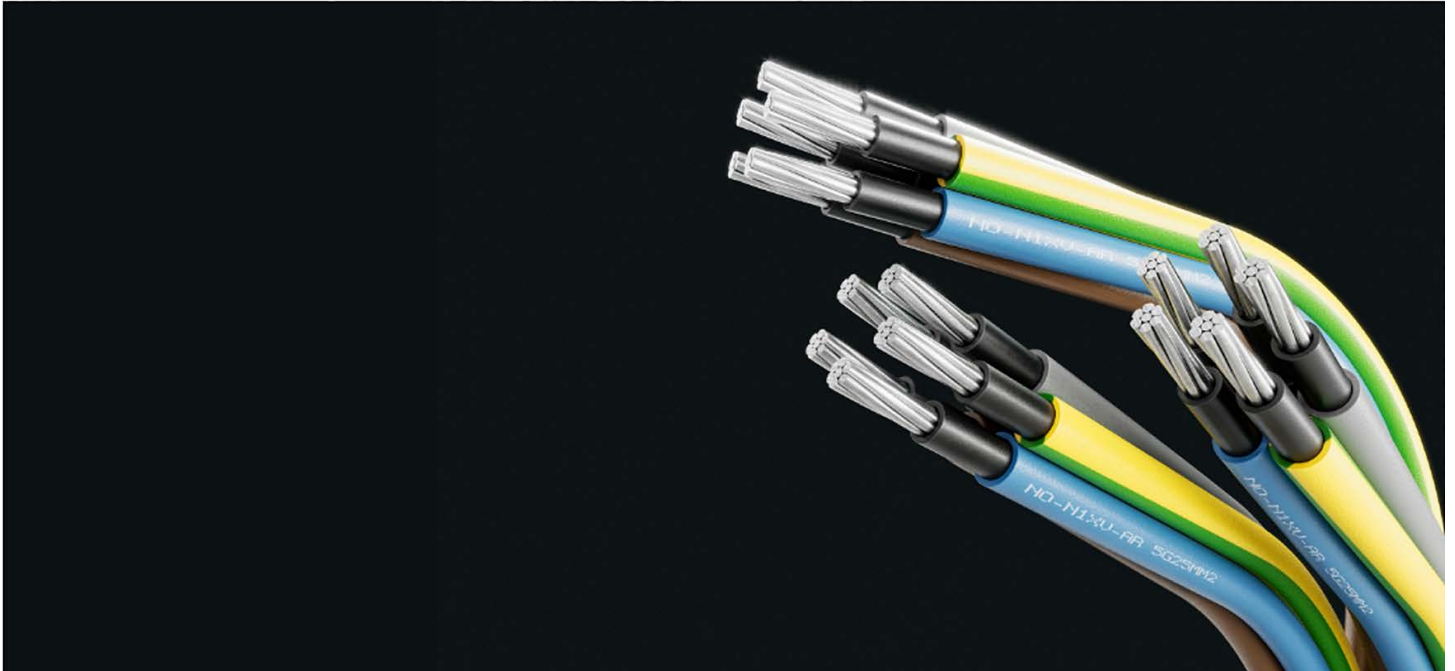


NO-N1XV-AR

XLPE/PVC aluminium energy cable



DESIGN

1. Aluminium conductor, round stranded (RM)
2. Core insulation (XLPE, black)
3. Core insulation (PVC, UV-resistant), cores colour according to HD308 S2

APPLICATION

Power distribution cables for special use like road lights and other general outdoor use. For fixed installation underground directly in soil. These cables are UV protected.

TECHNICAL DATA



Standard

adapted to IEC 60502-1
HD 604-5D
HD 603-3J

Test Voltage

core/core 4 kV / 50 Hz

Rated Voltage

0,6/1 kV

Bending radius (min.)

6 x ϕ of cable

Fire properties

OPR Classification: Eca

Core identification

HD 308 S2

Temperature range

Laying temperature: min. -10°C
Operating temperature: -50°C up to 70°C
Conductor temperature: max. 90°C
Short circuit temperature: max. 250°C

DATA-SHEET

TXXI

PARAMETERS

Number of cores x nominal cross-section (mm ²)	Max. conductor resistance (Ω/km)	Current rating in the earth (A)	Current rating in the air (A)	Outer diameter appr. (mm)	Total weight appr. (kg/km)
5 x 25 RM	1.2	125	105	30.6	331
5 x 50 RM	0.641	180	165	37.3	1270
5 x 95 RM	0.32	260	245	47.5	2155

