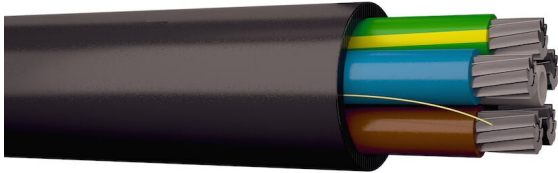


## SE-NIXE-AR LIGHT 0,6/1 kV

Halogen-free power cable for open fixed installation, outdoors



### DESCRIPTION

Slim, Halogen-free, XLPE-insulated power cable with durable PE outer sheath and aluminum conductor. The cable has been supplemented with a strong ripcord for easier and safer stripping of the outer sheath. Intended for permanent installation in ground or water outdoors. The robust PE-sheath means it is very suitable for plowing and has very low water absorption. Common applications include street lighting, service cable and standard 1 kV distribution cable.

Synonyms

AXL 1 kV

### STANDARDS, CERTIFICATIONS AND APPROVALS



SS 424 14 18

CENELEC HD 603 Part 5 Section O

Construction standard

Harmonized construction standard

### CABLE CONSTRUCTION

Rated voltage U <sub>0</sub> /U (Um)	0.6/1 (1.2) kV
Conductor material	Aluminium
Conductor surface	Bare
Core insulation material	XLPE
Core identification (acc. HD 308 S2)	Yes
Rip cord	Yes
Material outer sheath	Polyethylene (PE)
Cable shape	Round
Cable marking example	SE-NIXE-AR Light 4G25 0,6/1 kV DRAKA "Date and time", "meter marking"

### FIRE AND CHEMICAL PROPERTIES

Flame retardant	No
Halogen free	Yes

## APPLICATION

Max. conductor temperature	90
Permitted cable outer temperature after assembling without vibration (min) [°C]	-60
Permitted cable outer temperature after assembling without vibration (max) [°C]	60
UV resistant	Yes
Outdoor installation	Yes
Min. outer temperature during installation [°C]	-20
Max. outer temperature during installation [°C]	40
Underground installation	Yes

## PRODUCT DATA

Item name	External article code	SAP code	Cable weight [kg/km]	Packaging
SE-NIXE-AR LIGHT 4G16 T500	0002955	20136733	326	K9
SE-NIXE-AR LIGHT 4G25 T500	0002975	20136735	480	K11
SE-NIXE-AR LIGHT 5G16 T500	0002965	20136737	392	K11
SE-NIXE-AR LIGHT 5G25 T500	0002985	20136739	578	K12

## TECHNICAL DATA

Product name	Conductor category	Shape of conductor	Core colours	Outer diameter [mm]
SE-NIXE-AR LIGHT 4G16	Class 2 = stranded	Round	Green/yellow, brown, black, grey	19
SE-NIXE-AR LIGHT 4G25	Class 2 = stranded	Round	Green/yellow, brown, black, grey	22
SE-NIXE-AR LIGHT 5G16	Class 2 = stranded	Round	Green/yellow, blue, brown, black, grey	20
SE-NIXE-AR LIGHT 5G25	Class 2 = stranded	Round	Green/yellow, blue, brown, black, grey	24

Nominal values unless otherwise specified.