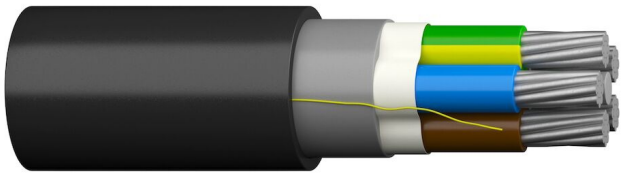
SE-N1XE-AR 0,6/1 KV



DESCRIPTION

Synonyms	AXL 1kV

STANDARDS, CERTIFICATIONS AND APPROVALS

CE

SS 424 14 18	Construction standard
CENELEC HD 603 Part 5 Section O	Harmonized construction standard

CABLE CONSTRUCTION

Rated voltage U0/U (Um)	0.6/1 (1.2) kV
Test voltage [kV]	15
Conductor material	Aluminium
Conductor surface	Bare
Core insulation material	XLPE
Core arrangement	Cores in concentric layers
Core identification (acc. HD 308 S2)	Yes
Rip cord	Yes
Material outer sheath	Polyethylene (PE)
Cable shape	Round
Cable marking example	SE-N1XE-AR 4G25 0,6/1 kV Prysmian ”Date and time”, "meter marking"

FIRE AND CHEMICAL PROPERTIES

Insulation integrity (acc. IEC 60331)	No
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]	60
Underground installation	Yes
Bending radius (rule)	Fixed: 8 x D While handling: 12 x D While ploughing: 8 x D

PRODUCT DATA

Item name	External article code	SAP code	Cable weight [kg/km]	Packaging
	57905	20074955	490	K11
	57925	20074957	711	K12
	57915	20074956	570	K11
	57935	20074958	825	K11

TECHNICAL DATA

Product name	Conductor category	Shape of conductor	Core colours	Outer diameter [mm]
SE-N1XE-AR 4G16	Class 2 = stranded	Round	Green/yellow, brown, black, grey	20
SE-N1XE-AR 4G25	Class 2 = stranded	Round	Green/yellow, brown, black, grey	24
SE-N1XE-AR 5G16	Class 2 = stranded	Round	Green/yellow, blue, brown, black, grey	22
SE-N1XE-AR 5G25	Class 2 = stranded	Round	Green/yellow, blue, brown, black, grey	26

Nominal values unless otherwise specified.