



# SE-N1XE-R

Power cable 0,6/1 kV with Cu conductors, XLPE insulated and HDPE sheathed

## APPLICATION

This cable is used as a power distribution cable in power stations, industrial installations and switch-gears as well as in local mains. For fixed installation underground, in interior premises, cable ducts, in the open air, in water- as permitted by the local building regulations- under severe mechanical stressing during installation and operation.

## TECHNICAL CHARACTERISTICS

Test voltage: 4 Kv  
 Rated voltage: 0,6/1 kV  
 Bending radius (min): 16xD  
 Min. laying temperature: -20°C  
 Max. working temperature: 90°C  
 Max. short-circuit temperature: 250°C  
 Min. bending radius during installation: 8xD

## CONSTRUCTION

Conductors: . Cu, class 2 according to EN 60228  
 Insulation: : XLPE compound DIX 3  
 Bedding: Extruded elastomere or plastomere compound  
 Sheath: HDPE compound, DMP 7 type

## STANDARD

SS 424 14 18, HD 603 S1

## CORE IDENTIFICATION

According to HD 308 S2

Insulation Color:

4-core (a): ● Green/Yellow ● Brown ● Black ● Grey  
 4-core (b): ● Blue ● Brown ● Black ● Grey  
 5-core: ● Green/Yellow ● Blue ● Brown ● Black ● Grey

Outer Sheath Colour:

● Yellow

*Other colours available on request*

## CERTIFICATION



NOMINAL CROSS-SECTION	CONDUCTOR CONSTRUCTION	MAX. RESISTANCE AT 20°C	NOM. THICKNESS OF INSULATION	NOM. THICKNESS OF PE SHEAT	CURRENT CAPACITY IN AIR	CURRENT CAPACITY IN EARTH	OUTER DIAM. (APPROX.)	METAL WEIGHT	CABLE WEIGHT (APPROX.)
mm <sup>2</sup>		Ω/km	mm	mm	A	A	mm	kg/km	kg/km
4x10	1	1,830	0,70	1,80	74	86	17,7	384,0	644
5x10	1	1,830	0,70	1,80	74	86	19,1	614,4	922
4x16	2	1,150	0,70	1,80	98	112	19,9	480,0	768
5x16	2	1,150	0,70	1,80	98	112	21,5	768,0	1107

