



SE-N1XE-AS

Power cable 0,6/1 kV with Al conductors, XLPE insulated and LDPE sheathed

APPLICATION

This cable is used as a power distribution cable in power stations, industrial installations and switchgears as well as in local mains. Can be laid directly in ground but on sand base to avoid cable damaging. Cable laying must be performed only by qualified personell and according to national standards and regulations. 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): 12xD
 Min. laying temperature: -20°C
 Max. short-circuit temperature: 250°C
 Working temperature: -50°C up to 90°C
 Min. bending radius during installation: 8xD

CONSTRUCTION

Conductors: Annealed Al conductors, class 2 according to EN 60228

Insulation: : XLPE compound DIX 3

Bedding: Extruded elastomere or plastomere compound

Sheath: LDPE compound, DMP 7 type

STANDARD

SS 424 14 18, HD 603 S1

CORE IDENTIFICATION

According to HD 308 S2

Insulation Color:

3-core (a): ● Green/Yellow ● Brown ● Blue

3-core (b): ● Black ● Brown ● Grey

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:

● Black

Other colours available on request



NOMINAL CROSS-SECTION	CONDUCTOR CONSTRUCTION	MAX. RESISTANCE AT 20°C	CURRENT CAPACITY IN TEH GROUND	CURRENT CAPACITY IN AIR	OUTER DIAM. (APPROX.)	METAL WEIGHT	CABLE WEIGHT (APPROX.)
mm ²		Ω/km	A	A	mm	kg/km	kg/km
4x25	SM	1,200	112	102	21,1	290	509
4x50	SM	0,641	158	149	26,4	580	832
4x95	SM	0,320	234	234	34,1	1102	1465
4x150	SM	0,206	300	311	42,1	1740	2250
4x240	SM	0,125	398	427	52,2	2784	3603

