



V-VMvKsas

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

Marking: TTkabeli BiH V-VMvKsas Eca 0,6/1 kV – 4x150 Alsvm+sas 25 NEN-HD 603-3-I CE

APPLICATION

A power and control cable for general use in low voltage installations up to 1 kV. Suitable for applications indicated in NEN 1010. Suited for direct burial (also in wet conditions but not directly in water) and above ground, as power cable for mains and distribution boards.

TECHNICAL CHARACTERISTICS

Voltage rating (U₀/U): 0,6/1 kV
 Testing voltage: 4 kV
 Min. temp. for cable laying: 0°C
 Max. working temperature: 70°C
 Max. short-circuit temperature: 160°C
 Min. bending radius: 12D
 Min. bending radius during installation: 10D

CONSTRUCTION

Conductors: Al, class 1 according to EN 60228
 Insulation: PVC compound
 Inner sheath: PVC compound
 Bedding: Extruded elastomere or plastomere compound
 Concentric conductor: Cu wires with copper counter helix tape
 Sheath: PVC compound, UV resistant

STANDARD

NEN HD 603 S1

CORE IDENTIFICATION

According to HD 308 S2

Insulation Color:

4-core (a): ● Red ● Yellow ● Blue ● Yellow/Blue

Outer Sheath Colour:

● Black

Other colours available on request

CERTIFICATION



NOM. CROSS SECTION	CONDUCTOR SHAPE	MAX. RESISTANCE AT 20°C	CURRENT CAPACITY IN AIR	CURRENT CAPACITY IN EARTH	OUTER DIAM. (APPROX.)	AL WEIGHT	CABLE WEIGHT (APPROX.)
mm ²		Ω/km	A	A	mm	kg/km	kg/km
4x50/25	Alsvm	0,641	157	188	33,2	580,0	1711
4x95/35	Alsvm	0,320	246	280	42,2	1102,0	2778
4x150/50	Alsvm	0,206	326	359	50,6	1740,0	4052
4x240/70	Alsvm	0,125	445	473	62,1	2784,0	6125

