

2.7.1999 Maky



DATASHEET

EMC MK underground cable

0,6 / 1 kV

SFS 4880 / IEC 502, HD 603 3F gen to

Applications Cable may be laid indoors, outdoors, in soil. For fixed installation. Cable gives an excellent screen against electromagnetic radiation from the cable.

Construction

Conductor: Sector shaped, stranded copper
1,5...6 mm² annealed circular solid copper (IEC 60228 cl. 1)
10...16 mm² annealed circular stranded copper wires (IEC 60228 cl. 2)
25 mm² and above, stranded, compacted, sector shaped copper (IEC 60228 cl. 2)

Insulation: Extruded PVC

Identification: black, brown, black/white stripe

Inner covering: Plastic tapes

Concentric conductor: Copper wires

Collective screen: Copper tape

Outer sheath: Extruded black PVC

Properties

Max. operating temperature +70 °C
Min. handling temperature -15 °C
Max. shortcircuit temperature (max. 5 s) +160 °C

Minimum bending radius
- installation 12 x D
- final installation only one bending 8 x D (D= overall diameter)

Maximum pulling force when pulling the conductor $A \times 50 \text{ N/mm}^2$
A= total area of conductors

REKA

CABLES

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Size	conductor resistance DC +20 °C	Approx. overall diameter	Approx. weight	Diameter under outersheath approx.
mm ²	ohm/km	mm	kg/km	mm
3x1,5+1,5	12,1	12	230	9
3x2,5+2,5	7,41	13	280	10
3x4+4	4,61	15	400	12
3x6+6	3,08	17	480	13
3x10+10	1,83	19	720	16
3x16+16	1,15	22	950	18
3x25+16	0,727	23	1180	19
3x35+16	0,524	25	1470	21
3x50+25	0,387	29	2020	24
3x70+35	0,268	31	2710	27
3x95+50	0,193	36	3720	31
3x120+70	0,153	38	4630	34
3x150+70	0,124	43	5550	37
3x185+95	0,0991	48	7000	42
3x240+120	0,0754	52	9070	48