

DATASHEET

MCMK 4½ core underground cable

0,6 / 1 kV

SFS 4880, HD 603 S1 3F

Applications Cable may be laid indoors, outdoors, in soil.
For fixed installation.

Construction

Conductor: 25 mm² circular stranded copper (IEC 228 cl.2)
35 mm² and above sector shaped, stranded copper (IEC 228 cl.2)
Insulation: Extruded PVC (DIV 6)
Identification: Black, blue, brown, black/white stripe
Inner covering: Plastic tapes
Concentric conductor: Copper wires and copper tape
Outer sheath: Extruded black PVC (DMV 9)

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

Size mm ²	Phase conductor resistance DC +20 °C ohm / km	Concentric conductor resistance DC +20 °C ohm / km	Insulation thickness (av. / min.) mm	Sheath thickness (av. / min.) mm	Approx. overall diameter mm	Approx. weight kg
4x25+16	0,727	1,150	1,2 / 0,98	1,8 / 1,43	29	1600
4x35+16	0,524	1,150	1,2 / 0,98	1,8 / 1,43	29	1850
4x50+25	0,387	0,727	1,4 / 1,16	2,0 / 1,60	33	2550
4x70+35	0,268	0,524	1,4 / 1,16	2,1 / 1,69	36	3450
4x95+50	0,193	0,387	1,6 / 1,34	2,3 / 1,86	41	4750
4x120+70	0,153	0,268	1,6 / 1,34	2,4 / 1,94	44	5850
4x150+70	0,124	0,268	1,8 / 1,52	2,5 / 2,03	48	7000
4x185+95	0,0991	0,193	2,0 / 1,70	2,6 / 2,11	56	9000
4x240+120	0,0754	0,153	2,2 / 1,88	2,8 / 2,28	63	11600