

**Preduzeće za proizvodnju elektroprovodnika
“ELKOK” AD Kosjerić, Olge Grbić 3**

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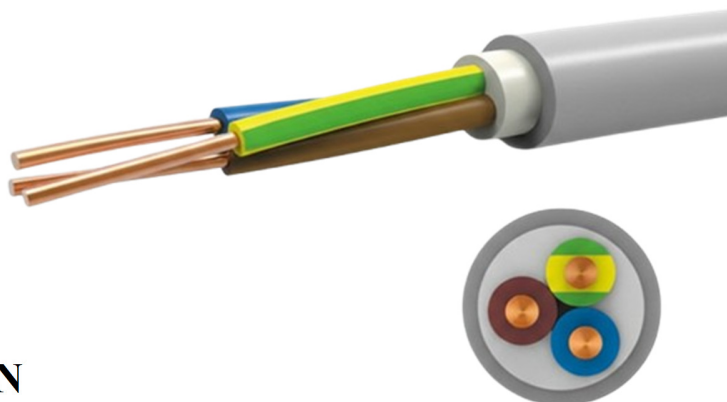
**PVC insulated and sheathed cables for fixed wiring
(60227 IEC 10)**

STANDARD

SRPS IEC 60227-4

TYPE

60227 IEC 10



PRODUCT DESCRIPTION

Cable cores are made of copper conductors insulated with PVC. Insulated cores are mutually stranded. Over stranded cores is fine layer of non-vulcanized, easy-removable rubber filling. External sheath is made of PVC.

Conductor: SRPS EN 60228, class 1 or 2

Insulation: PVC/C

Sheath: PVC/ST4

Rated voltage: 300/500 V

Test voltage: 2 kV

Operative temperature: 70°C

AREA OF USE

This type of cable is used for installations in dry and humid premises, for laying under the plaster or on the wall with clamps.

It is not allowed laying in the ground, on the open space or into concrete.

The highest operative temperature of the conductor is 70°C.

PACKAGING

Cable is packaged in the roll or on the suitable wooden drums.

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TECHNICAL CHARACTERISTICS:

Core number and conductor cross section (mm ²)	Electrical Resistance at 20°C max (Ω/km)	Nominal insulation thickness (mm)	Nominal sheath thickness (mm)	External cable diameter (mm)	Cable weight Approx. (kg/km)
Double core					
2x1,5	12,1	0,7	1,2	7,6-10,0	116
2x2,5	7,41	0,8	1,2	8,6-11,5	159
2x4	4,61	0,8	1,2	9,6-12,5	208
2x6	3,08	0,8	1,2	10,5-13,5	268
2x10	1,83	1,0	1,4	13,0-16,5	440
2x16	1,15	1,0	1,4	15,5-20,5	667
Triple core					
3x1,5	12,1	0,7	1,2	8,0-10,5	135
3x2,5	7,41	0,8	1,2	9,2-12,0	190
3x4	4,61	0,8	1,2	10,0-13,0	253
3x6	3,08	0,8	1,4	11,5-14,5	349
3x10	1,83	1,0	1,4	14,0-17,5	544
3x16	1,15	1,0	1,4	16,5-21,5	842

Core number and conductor cross section (mm ²)	Electrical Resistance at 20°C max (Ω/km)	Nominal insulation thickness (mm)	Nominal sheath thickness (mm)	External cable diameter (mm)	Cable weight Approx. (kg/km)
Four core					
4x1,5	12,1	0,7	1,2	8,6-11,5	164
4x2,5	7,41	0,8	1,2	10,0-13,0	237
4x4	4,61	0,8	1,4	11,5-14,5	324
4x6	3,08	0,8	1,4	12,5-16,0	425
4x10	1,83	1,0	1,4	15,5-19,0	682
4x16	1,15	1,0	1,4	18,0-23,5	1028
Five core					
5x1,5	12,1	0,7	1,2	9,4-12,0	199
5x2,5	7,41	0,8	1,2	11,0-14,0	284
5x4	4,61	0,8	1,4	12,5-16,0	397
5x6	3,08	0,8	1,4	13,5-17,5	534
5x10	1,83	1,0	1,4	17,0-21,0	848
5x16	1,15	1,0	1,4	20,5-26,0	1500