

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

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**Single core non-sheathed cables with thermoplastic PVC insulation
(H05V-U i H07V-U)**

STANDARDS

SRPS EN 50525-2-31

TYPE

H05V-U and H07V-U

PRODUCT DESCRIPTION

Cables consist of copper conductors insulated with thermoplastic PVC.

Cables insulation is made in all colors, up to customer request (yellow/green, blue, brown, black, red etc.)

Rated voltage: 300/500 V (H05V-U) and 450/750 V (H07V-U)

Maximum operating temperature: 70⁰C

Conductor: SRPS EN 60228, class 1

Insulation: PVC type TII acc to EN 50363-3

Test voltage: 2,0 kV (H05V-U) and 2,5kV (H07V-U)



AREA OF USE

Cables are intended for carrying out installation work in dry premises for permanent laying in tubes that can be above or under the plaster.

PACKAGING

Cable is packed in 50m or 100m rolls, or on suitable wooden drums.

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TECHNICAL CHARACTERISTICS:

H05V-U

Cable cross section	Electrical Resistance at 20°C max (Ω/km)	Insulation thickness (mm)	External cable diameter (mm)		Cable weight Approx. (kg/km)
			min	max	
0,5	36,0	0,6	1,9	2,3	6,9
0,75	24,5	0,6	2,1	2,5	9,5
1,0	18,1	0,6	2,2	2,7	12,6

H07V-U

Cable cross section	Electrical Resistance at 20°C max (Ω/km)	Insulation thickness (mm)	External cable diameter (mm)		Cable weight Approx. (kg/km)
			min	max	
1,5	12,1	0,7	2,6	3,2	19,0
2,5	7,41	0,8	3,2	3,9	30,4
4	4,61	0,8	3,6	4,4	46,2
6	3,08	0,8	4,1	5,0	65,7
10	1,83	1,0	5,3	6,4	109,5