

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

info@elkok.co.rs

www.elkok.co.rs

[tel: + 381 \(31\) 781 121](tel:+38131781121)

**Single core non-sheathed cables with thermoplastic PVC insulation
(H05V-K, H07V-K)**

STANDARD

SRPS EN 50525-2-31

TYPE

H05V-K

H07V-K



PRODUCT DESCRIPTION

Cables consist of flexible copper conductors insulated with PVC.

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

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

Maximum operating temperature: 70⁰C

Conductor: SRPS EN 60228, class 5

Insulation: PVC type TII acc to EN 50363-3

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

AREA OF USE

Cables are intended for carrying out installation work in dry premises for permanent laying in tubes that can be under or above the plaster, on insulated bodies, where significant flexibility is required.

PACKAGING

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

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

info@elkok.co.rs

www.elkok.co.rs

[tel: + 381 \(31\) 781 121](tel:+38131781121)

TECHNICAL CHARACTERISTICS

H05V-K

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	39,0	0,6	2,1	2,5	8,3
0,75	26,0	0,6	2,2	2,7	11,1
1,0	19,5	0,6	2,4	2,8	13,9

H07V-K

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	13,3	0,7	2,8	3,4	21,4
2,5	7,98	0,8	3,4	4,1	33,7
4	4,95	0,8	3,9	4,8	51,5
6	3,30	0,8	4,4	5,3	73,2
10	1,91	1,0	5,7	6,8	122,6
16	1,21	1,0	6,7	8,1	176,6
25	0,780	1,2	8,4	10,2	271,7
35	0,554	1,2	9,7	11,7	382,4
50	0,386	1,4	11,5	13,9	534,5
70	0,272	1,4	13,2	16,0	719,8
95	0,206	1,6	15,1	18,2	993,1
120	0,161	1,6	16,7	20,2	1233,5
150	0,129	1,8	18,6	22,5	1522,6
185	0,106	2,0	20,6	24,9	2114
240	0,0801	2,2	23,5	28,4	3020