

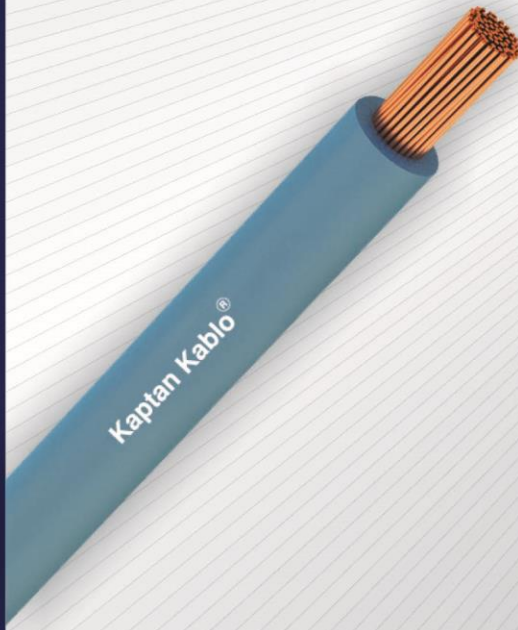
Building Wires

PVC Insulated Wires

H05V-K - H07V-K

KAPTAN

KABLO



Code

H05V-K, H07V-K , CU/PVC , NYAF

Standards

TS EN 50525-2-31

VDE 0281, IEC 60227 , BS 6004 , HD 21.3.S3

Technical Data

Max Operating Temperature: 70 °C

Short Circuit Temperature: 160 °C (max. 5 sec.)

Rated Voltage :300/500 V , 450/750V

Application

For protected installation and lighting fitting. Also for in conduit on and under plaster.

Construction

1.Flexible Copper Conductor.

2.PVC Insulation

Nominal cross section mm ²	Insulation Thickness mm	Overall diameter approx. mm	Net weight approx. kg/km	Standard delivery length m	Conductor DC resistance at 20 °c max. Ohm/km	Current carrying capacity 30°C	
						Conduit A	Air A

H05V-K

300/500 V

0,50	0,6	2,1	8,7	100	39,0	-	12
0,75	0,6	2,2	11,5	100	26,0	-	15
1,00	0,6	2,4	14,0	100	19,5	11	18

H07V-K

450/750 V

1,5	0,7	2,9	20,0	100	13,30	15	24
2,5	0,8	3,5	31,0	100	7,98	20	32
4,0	0,8	4,0	46,0	100	4,95	25	42
6,0	0,8	4,6	64,5	100	3,30	33	54
10,0	1,0	5,9	110,0	100	1,91	45	73
16,0	1,0	7,0	168,0	100	1,21	61	92
25,0	1,2	8,7	260,0	100	0,78	83	129
35,0	1,2	9,8	352,0	100	0,554	103	158
50,0	1,4	12,0	502,0	1.000	0,286	120	198
70,0	1,4	14,2	735,0	1.000	0,272	152	245
95,0	1,6	16,2	940,0	1.000	0,206	184	292
120,0	1,6	18,3	1,190,0	1.000	0,161	212	345
150,0	1,8	19,2	1,461,0	1.000	0,129	-	391
185,0	2,0	21,8	1,787,0	1.000	0,106	-	448
240,0	2,2	25,9	2,382,0	1.000	0,0801	-	528