

450/750 V

PVC INSULATED NON-SHEATHED SINGLE CORE CABLES WITH FLEXIBLE COPPER CONDUCTORS



H05V-K H07V-K(HAR)

Code	H05V-K, H07V-K (TSE), NYAF (VDE)
Standarts	TS EN 50525-2-31, VDE 0281, BS 6004, IEC 60227
Construction	Flexible copper conductor, PVC insulation
Application	For protected installation in equipment and lighting fitting. Also for in conduit, on and under plaster.
Technical Datas	Max.operating temperature 70 °C Short circuit temperature 160 °C

Dimensions and Weights				Electrical Information		
Nominal cross-section	Overall Diameter	Net Weight	Standart delivery lenght	Conductor DC (maks.) resistance at 20 °C	Current carrying capacity in	
					Conduit (A)	Air (A)
mm ²	mm	kg/km	m	ohm/km		
*0.75	2,4	11	100	26,0	-	15
*1.0	2,6	14	100	19,5	11	19
1.5	2,8	18	100	13,3	14	24
2.5	3,5	29	100	7,98	19	32
4	4,5	45	100	4,95	26	42
6	5,0	60	100	3,30	34	54
10	6,5	105	100	1,91	46	73
16	8,0	160	100	1,21	61	98
25	9,5	250	100	0,780	80	129
35	11,0	350	1000	0,554	99	158
50	13,0	450	1000	0,386	119	198
70	15,5	650	1000	0,272	151	245
95	18,0	900	1000	0,206	182	292
120	20,0	1140	1000	0,161	210	344
150	22,0	1380	1000	0,129	-	391
185	25,0	1760	1000	0,106	-	448
240	28,0	2250	1000	0,0801	-	528

*(H05V-K)