

PVC INSULATED SINGLE CORE FLEXIBLE WIRE H05V-K / H07V-K SWITCHBOARD WIRE



CONDUCTOR

Flexible wires with fine stranded copper conductor, CLASS 5 EN 60228, IEC 60228

VOLTAGE RATING

H05V-K : 300/500V
H07V-K : 450/750V

INSULATION

PVC insulation
Flame retardant according to IEC 60332-1-2

TEST VOLTAGE

H05V-K : 1500V
H07V-K : 2500V

INSULATION COLOR

Black, Blue, Brown, Dark Blue, Green/Yellow, Grey, Red, White, Yellow

OPERATING TEMPERATURE

70°C

APPLICATION

Used in control panels and electrical equipments, on and under plaster as laid in conduit.

SHORT CIRCUIT TEMPERATURE

160°C (max. 5 sn.)

STANDARDS

TS 9758, VDE 0281, IEC 60227, BS 6004, HD 21.3 S3

Type	No. of Cores x Nominal Cross Sectional Area	Overall Diameter Approx.	Net Weight Approx.	Max Resistance At 20°C	Current Carrying Capacity		Standard Length
					In Ground at 20°C	In Air at 30°C	
	n x mm ²	mm	kg/km	Ω/km	A	A	mtr
H05V-K	1 x 0.50	2.17	8.87	39.00	-	12	100
H05V-K	1 x 0.75	2.26	11.15	26.00	-	15	100
H05V-K	1 x 1.00	2.52	13.96	19.50	11	18	100
H07V-K	1 x 1.50	2.90	19.39	13.30	15	24	100
H07V-K	1 x 2.50	3.47	29.58	7.98	20	32	100
H07V-K	1 x 4.00	4.04	43.99	4.95	25	42	100
H07V-K	1 x 6.00	4.60	62.57	3.30	33	54	100
H07V-K	1 x 10.0	6.05	107.00	1.91	45	73	100
H07V-K	1 x 16.0	7.34	163.35	1.21	61	98	100
H07V-K	1 x 25.0	9.19	253.38	0.78	80	129	100
H07V-K	1 x 35.0	10.34	341.59	0.554	103	158	-
H07V-K	1 x 50.0	12.45	494.70	0.386	120	198	-
H07V-K	1 x 70.0	14.36	680.95	0.272	152	245	-
H07V-K	1 x 95.0	16.53	936.73	0.206	184	292	-
H07V-K	1 x 120.0	18.65	1180.30	0.161	212	344	-
H07V-K	1 x 150.0	21.00	1530.62	0.129	-	391	-
H07V-K	1 x 185.0	22.70	1799.94	0.106	-	448	-
H07V-K	1 x 240.0	26.15	2416.92	0.0801	-	528	-