

FLEXIBLE WIRES
PVC INSULATED COPPER
NFC32-201; HD21.3; NT88.05

H05V-K / H07V-K

APPLICATIONS

The H07V-K cables may be used in equipment wiring, switching and distribution installations in conduits on or under plaster in a dry location.

CONDUCTOR CONSTRUCTION

- Stranded copper class 5.

CORE IDENTIFICATION

By colours.

TECHNICAL DATA

Nominal Voltage : H05V-K 300/500Vcc.
H07V-K 450/750Vcc.

Maximum Operating temperature : +70°C

Maximum short circuit temperature: +160°C.

DESCRIPTION

CORE
Copper

INSULATION
PVC



H05V-K/H07VK

Type	Overall Diameter mm	net Weight Kg/Km	Electrical resistance at 20°C (Ω/km)	Current carrying Capacity (A)	Voltage drop cosl=0,8 (V/A/km)
H05V-K					
0,5	2,1	8,5	39	8	-
0,75	2,3	11,3	26	11	-
1	2,5	14	19,5	13,5	-
H07V-K					
1,5	2,9	20	13,3	17,5	26
2,5	3,5	31	7,98	24	15
4	4,1	47	4,95	32	9,5
6	4,7	65	3,30	41	6,3
10	6,0	109	1,91	57	3,7
16	7,0	162	1,21	76	2,3
25	8,7	254	0,780	96	1,5
35	9,8	345	0,554	119	1,1
50	11,7	482	0,386	144	0,74
70	13,4	680	0,272	184	0,52
95	15,4	904	0,206	223	0,40
120	17,0	1141	0,161	259	0,31
150	19,0	1422	0,129	299	0,25
185	21,0	1734	0,106	341	0,20
240	24,0	2275	0,0801	403	0,15

(1) Maximum intensities valid for: conductors set on a single conduit on an apparent installation, or embedded into a wall, or under plinth at an ambient temperature of the air of 30° C.