

EUROPEAN STANDARDIZED CABLES



H05V-K
H07V-K

Harmonized PVC hook up wire 300/500 volts
Harmonized PVC hook up wire 450/750 volts

HAR VDE



Marking for H05V-K 31460150:
BRÖCKSKES · D-VIERSEN · \triangleleft VDE >math>\triangleright</math> \triangleleft HAR >math>\triangleright</math> H05V-K

Harmonized European hook up wire is recommended for use in electronic and electrical equipment designed for export to European countries and for MRO replacement of European made equipment wire. Standards: HD 21.1 S2, HD 21.2, HD 21.3 S2, H; HD 308, 361, 383, 385, 402, 405.1. VDE 0812 (H05), 028 (H07), 0295 class 5. IEC 60227.1, 60227.2, 60227.5, 60228, 60304, 60332-1, 60540. BS 6500. DIN 57281, 57250.

Construction:

Conductor:	bare copper strands acc. to IEC 60228, EN 60228, VDE 0295, class 5
Insulation:	PVC T12 acc. to DIN VDE 0281 part 1 + HD 21.1
Color:	black

Outstanding features:

- flexing single conductor
- harmonised acc. to European standards

Technical data:

Nominal voltage H05V-K:	U ₀ /U 300/500 V
Nominal voltage H07V-K:	U ₀ /U 450/750 V
Testing voltage H05V-K:	2000 V acc. to DIN VDE 0281 part 2 + HD 21.1
Testing voltage H07V-K:	2500 V acc. to DIN VDE 0281 part 2 + HD 21.2
Min. bending radius <i>fixed installation:</i>	< 12 mm = 3 x O.D. > 12 mm = 4 x O.D.
<i>free movement:</i>	< 12 mm = 5 x O.D. > 12 mm = 6 x O.D.
Temperature range <i>static:</i>	-40/+70 °C
<i>flexing:</i>	+5/+70 °C
Burning characteristics:	flame retardant and self-extinguishing acc. to IEC 60332-1-2 and EN 60332-1-2
Absence of harmful substances:	acc. to RoHS-guideline 2002/95/EG as well as GefStoffV appendix IV-no. 24, see page M/25

H05V-K

item no.	mm ²	AWG	nominal inch	outer- ϕ mm	cable weight \approx lbs/mft	
▶ 3146 .. 50	0.50	20	(15/32)	0.087	2.2	6
▶ 3146 .. 75	0.75	19	(23/32)	0.098	2.5	8
▶ 3146 .. 80	1.00	18	(30/32)	0.102	2.6	9

Other colors are possible on request.

H07V-K

item no.	mm ²	AWG	nominal inch	outer- ϕ mm	cable weight \approx lbs/mft	
▶ 3156 .. 82	1.50	16	(28/30)	0.122	3.1	13
▶ 3156 .. 84	2.50	14	(46/30)	0.146	3.7	21
▶ 3156 .. 86	4.00	12	(52/28)	0.169	4.3	32
▶ 3156 .. 87	6.00	10	(78/28)	0.189	4.8	44
▶ 3156 .. 88	10.00	8	(77/26)	0.252	6.4	76
▶ 3156 .. 89	16.00	6	(119/26)	0.307	7.8	116
▶ 3156 .. 90	25.00	4	(196/26)	0.378	9.6	179
▶ 3156 .. 91	35.00	2	(280/26)	0.433	11.0	266
▶ 3156 .. 92	50.00	1	(400/26)	0.496	12.6	358
▶ 3156 .. 93	70.00	2/0	(539/26)	0.587	14.9	466
▶ 3156 .. 94	95.00	3/0	(484/24)	0.705	17.9	669
▶ 3156 .. 95	120.00	4/0	(589/24)	0.783	19.9	788
▶ 3156 .. 96	150.00	250 MCM	(740/24)	0.839	21.3	983
▶ 3156 .. 97	185.00	350 MCM	(902/24)	0.921	23.4	1198
▶ 3156 .. 98	240.00	450 MCM	(1220/24)	1.067	27.1	1629

Other colors are possible on request.

* Color code for single conductors:

01 = black	08 = white
02 = blue	09 = orange
03 = brown	11 = red
04 = gray	14 = dark blue
05 = yellow	15 = transparent
06 = green	17 = pink
07 = violet	27 = green-yellow