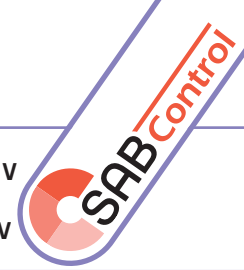


European Standardized Cables

MEGA 147/H05V2-K/H05V-K Harmonized PVC hook-up wire tri-rated, 300/500 V

MEGA 157/H07V2-K/H07V-K Harmonized PVC hook-up wire tri-rated, 450/750 V



10519 105°C 600V VW-1 E172204 CSA Type TEW 105°C 600V FT1 LL104758 CE



Marking for H05V2-K 31470150:

SAB BRÖCKSKES · D-VIERSEN · <1 VDE > <1 HAR > H05V2-K H05V-K 0.5 mm² 20 AWG AWM Style 1015 105°C 600V E172204 CSA Type TEW 105°C 600V FT1 LL104758 CE

Construction:

Conductor:	tinned copper strands acc. to IEC 60228, VDE 0295, class 5
Insulation:	PVC, T13 acc. to EN 50363-3 + VDE 0207-363-3
Color code:	see color code chart below

Outstanding features:

- flexing single conductor
- harmonized acc. to European standards

Technical data:

Nominal voltage:	MEGA 147/H05V-K/ H05V2-K: U ₀ /U 300/500 V MEGA 157/H07V-K/ H07V-K: U ₀ /U 450/750 V	
Voltage UL/CSA:	600 V	
Testing voltage:	MEGA 147/H05V-K/ H05V2-K:	2000 V
	MEGA 157/H07V-K/ H07V-K:	2500 V
Min. bending radius:		
<i>fixed installation:</i>	4 x O.D.	
<i>free movement:</i>	6 x O.D.	
Temperature range:	DIN VDE	UL/CSA
<i>static:</i>	-40/+90°C	up to +105°C
<i>flexible:</i>	+5/+90°C	up to +105°C
Burning characteristics:	flame retardant and self-extinguishing acc. to IEC 60332-1-2 + VDE 0482-332-1-2, UL VW-1, CSA FT1	
Approvals:		
<i>MEGA 147/H05V2-K/ H05V-K:</i>	<u>20 - 18 AWG:</u> HAR, UR AWM, CSA, CE, RoHS	
<i>MEGA 147:</i>	<u>26 - 22 AWG:</u> UR AWM, CSA, CE, RoHS	
<i>MEGA 157/H07V2-K/ H07V-K:</i>	<u>16 - 2 AWG:</u> HAR, UR AWM, CSA, CE, RoHS	
<i>MEGA 157:</i>	<u>1 - 4/0 AWG:</u> UR AWM, CSA, CE, RoHS	
Absence of harmful substances:	acc. to RoHS directive of the European Union see page O/30	

MEGA 147- UL/CSA/CE

item no.	mm ²	AWG	nominal outer-ø inch	mm	cable weight ≈lbs/mft
▶ 3147 .. 14	0.14	26 (≈ 18/38)	0.079	2.0	4
▶ 3147 .. 25	0.25	24 (≈ 14/34)	0.087	2.2	5
▶ 3147 .. 34	0.34	22 (≈ 7/30)	0.091	2.3	6

Other colors are available on request

MEGA 157/H07V2-K/H07V-K - HAR/UL/CSA/CE

item no.	mm ²	AWG	nominal outer-ø inch	mm	cable weight ≈lbs/mft
▶ 3157 .. 82	1.50	16 (≈ 27/30)	0.122	3.1	13
▶ 3157 .. 84	2.50	14 (≈ 46/30)	0.146	3.7	22
▶ 3157 .. 86	4.00	12 (≈ 52/28)	0.169	4.3	34
▶ 3157 .. 87	6.00	10 (≈ 78/28)	0.189	4.8	44
▶ 3157 .. 88	10.00	8 (≈ 77/26)	0.268	6.8	81
▶ 3157 .. 89	16.00	6 (≈ 122/26)	0.358	9.1	142
▶ 3157 .. 90	25.00	4 (≈ 190/26)	0.417	10.6	204
▶ 3157 .. 91	35.00	2 (≈ 272/26)	0.465	11.8	273

Other colors are available on request

MEGA 147/H05V2-K/H05V-K - HAR/UL/CSA/CE

item no.	mm ²	AWG	nominal outer-ø inch	mm	cable weight ≈lbs/mft
▶ 3147 .. 50	0.50	20 (≈ 16/32)	0.098	2.5	7
▶ 3147 .. 75	0.75	19 (≈ 23/32)	0.106	2.7	9
▶ 3147 .. 80	1.00	18 (≈ 30/32)	0.110	2.8	11

Other colors are available on request

MEGA 157- UL/CSA/CE

item no.	mm ²	AWG	nominal outer-ø inch	mm	cable weight ≈lbs/mft
▶ 3157 .. 92	50.00	1 (≈ 400/26)	0.598	15.2	403
▶ 3157 .. 93	70.00	2/0 (≈ 543/26)	0.638	16.2	531
▶ 3157 .. 94	95.00	3/0 (≈ 484/24)	0.760	19.3	717
▶ 3157 .. 95	120.00	4/0 (≈ 589/24)	0.819	20.8	858

Other colors are available on request

Color code for single conductors:

01 = black	08 = white
02 = blue	09 = orange
03 = brown	11 = red
04 = gray	16 = dark blue
07 = violet	27 = green/yellow

