

<HAR> Hook-up Wire

H05V-K, UL Style 1007 + 1569, UL/CSA

H07V-K, UL Style 1015 + 1063, UL (MTW)/ CSA



This hook-up wire has international approvals to satisfy the requirements of both North America and Europe. It passes <HAR> H05V-K, <HAR> H07V-K, UL AWM, UL MTW (16 AWG and larger), CSA TEW and CE.

Recommended Applications:

Panel and machine wiring for domestic and export usage. Electronic equipment, Medical Equipment, and Wire bundling

Application Advantage:

- One inventory vs. two for domestic and export consumption
- 13 color code options
- UL MTW for 16 AWG and larger
- Available in large cardboard barrels for easy pull (16 AWG MTW and larger only) Call your sales representative for P/N and availability

<HAR> Hook-up Wire Construction:

Finely stranded tinned copper conductors; PVC insulation



Color Code:

- | | |
|------------------|---------------|
| 00= Green/Yellow | 07= Violet |
| 01= Black | 08= Pink |
| 02= Blue | 09= Orange |
| 03= Brown | 10= Yellow ** |
| 04= Red | 11= Green ** |
| 05= White | 14= Dark Blue |
| 06= Gray | |

Cable Attributes, See Page 653

Oil Resistance: OR-02	Flame Resistance: FR-02
Motion Type: FL-02	Mechanical Properties: MP-01

Complete the installation with:

SKINTOP® Strain Relief: Page 486	EPIC® Connectors: Page 251
SKINTOP® DIX: Page 524	FLEXIMARK® Marking: Page 596

Technical Data:

- | | |
|---|--|
| Temperature Range:
HAR/IEC: -40°C to +70°C
UL/CSA: -40°C to +105°C | Stranding: Fine wire per VDE 0295, Class 5 |
| Test Voltage: 2500V | Approvals: UL: H05V-K: AWM Style 1007 + 1569
H07V-K: 1063 MTW Listed, 1015 AWM
CSA: TEW
Additional: <HAR> H05V-K & H07V-K |
| Nominal Voltage:
HAR/IEC: H05V-K: 300/500V
UL/CSA: 300V
H07V-K: 450/750V
600V | |
- This wiring material conforms to the European H07V2-K standard for +90°C PVC

Part Number	Nominal Outer Diameter inches	Nominal Outer Diameter mm	Copper Weight lbs/mft	Approx. Weight lbs/mft	Approx. Weight kg/km	Part Number	Nominal Outer Diameter inches	Nominal Outer Diameter mm	Copper Weight lbs/mft	Approx. Weight lbs/mft	Approx. Weight kg/km
H05V-K						8 AWG (10 mm ²)					
22 AWG (0.50 mm ²)						41608..	.268	6.8	65	80.7	120
41804..	.087	2.2	3	5.8	9	6 AWG (16 mm ²)					
20 AWG (0.75 mm ²)						*41609..	.350	8.9	103	124.3	185
41805..	.094	2.4	5	7.5	11	4 AWG (25 mm ²)					
18 AWG (1.00 mm ²)						41610..	.398	10.1	161	174.8	260
41806..	.098	2.5	6	9.1	14	2 AWG (35 mm ²)					
H07V-K						41611..	.449	11.4	226	242.0	360
16 AWG (1.50 mm ²)						1 AWG (50 mm ²)					
41604..	.122	3.1	10	13.4	20	*41612..	.551	14.0	323	359.6	535
14 AWG (2.50 mm ²)						2/0 AWG (70 mm ²)					
41605..	.146	3.7	16	20.8	31	*41613..	.622	15.8	452	494.0	735
12 AWG (4 mm ²)						3/0 AWG (95 mm ²)					
41606..	.173	4.4	26	30.2	45	41614..	.713	18.1	613	625.1	930
10 AWG (6 mm ²)						4/0 AWG (120 mm ²)					
41607..	.193	4.9	39	42.3	63	41615..	.764	19.4	774	779.7	1160

NOTE: To develop the Lapp part number - add the double digit color code to the above part number prefix. For example: 16AWG H07V-K Green/ Yellow: 4160400

* In accordance to the HAR standards X07V-K without "HAR"- printing. ** For these colors no HAR-approval for 1.5 mm² or larger