

Multi-Standard <HAR> Hook-up Wire

H05V-K: UL AWM Style 1007 & 1569, UL/CSA; H07V-K: UL AWM Style 1015, UL MTW 1063, CSA



This internationally approved hook-up wire was designed to meet North American and European market requirements. It passes <HAR> H05V-K, <HAR> H07V-K, UL AWM, UL MTW (16 AWG & larger), CSA TEW & CE.

Recommended Applications

Panel and machine wiring for domestic and export usage; internal wiring of devices, electrical, and medical equipment

Approvals



Construction

Conductors: Finely stranded tinned copper

Insulation: PVC

Application Advantage

- Only one inventory vs. two for domestic and export consumption
- 13 standard color options
- UL MTW (16 AWG & larger)
- Available in large cardboard barrels for easy pull (16 AWG & larger)
- Embossed cable marking available upon request

Cable Attributes, see page 659			
OR-02	FR-02	FL-02	MP-01
OIL	FLAME	MOTION	MECHANICAL

For wiring material that conforms to H07V2-K, please call your Lapp sales representative.

Similar Cables

- <HAR> Hook-up Wire
- Halogen-free <HAR> Hook-up Wire

Technical Data

	Temperature Range:			Color Code:	00: Green/Yellow	07: Violet
	- HAR/IEC:	-40°C to +70°C		01: Black	08: Pink	
	- UL/CSA:	-40°C to +105°C		02: Blue	09: Orange	
	Nominal Voltage:			Approvals:	03: Brown	10: Yellow**
	- H05V-K:				04: Red	11: Green**
	- HAR/IEC:	300/500V			05: White	14: Dark Blue
	- UL/CSA:	300V			06: Gray	
	- H07V-K:				UL: AWM 1007 & 1569	
	- HAR/IEC:	450/750V		Canada: CSA AWM I A/B		
	- UL/CSA:	600V		Additional: <HAR> H05V-K		
	Test Voltage:				UL: MTW per UL 1063	
	- H05V-K:	2000V			AWM 1015	
	- H07V-K:	2500V			Canada: TEW	
	Conductor Stranding:	Class 5 fine wire			Additional: <HAR> H07V-K	
					CE & RoHS	

Part Number	Nominal Outer Diameter (inches) (mm)	Copper Weight (lbs/mft)	Approx. Weight (lbs/mft)	Part Number	Nominal Outer Diameter (inches) (mm)	Copper Weight (lbs/mft)	Approx. Weight (lbs/mft)
H05V-K				8 AWG (10 mm²)			
22 AWG (0.50 mm²)				41608..	0.268	6.8	65
41804..	0.098	2.5	3	6 AWG (16 mm²)			
20 AWG (0.75 mm²)				41609..*	0.354	9.0	103
41805..	0.102	2.6	5	4 AWG (25 mm²)			
18 AWG (1.00 mm²)				41610..	0.402	10.2	161
41806..	0.110	2.8	6	2 AWG (35 mm²)			
H07V-K				41611..	0.461	11.7	226
16 AWG (1.50 mm²)				1 AWG (50 mm²)			
41604..	0.134	3.4	10	41612..	0.547	13.9	323
14 AWG (2.50 mm²)				2/0 AWG (70 mm²)			
41605..	0.157	4.0	16	41613..	0.630	16.0	452
12 AWG (4 mm²)				3/0 AWG (95 mm²)			
41606..	0.181	4.6	26	41614..	0.717	18.2	613
10 AWG (6 mm²)				4/0 AWG (120 mm²)			
41607..	0.201	5.1	39	41615..	0.780	19.8	774
			48				864

For Lapp part number, add the double digit color code (see above) to the part number prefix in the table; e.g.: 16 AWG H07V-K green/yellow = 4160400

* No <HAR> approval available for this size (X07V-K). ** For these colors no <HAR> approval for 1.5 mm² or larger.

Photographs are not to scale and are not true representations of the products in question. For current information go to our website. If not otherwise specified, all values relating to the product are nominal values.