

<HAR> Hook-up Wire

Type H05V-K & H07V-K



This hook-up wire is <HAR> approved and conforms to European standards. It can be used to wire electronic and electrical equipment for export to Europe.

Construction

Conductors: Finely stranded bare copper
Insulation: PVC

Recommended Applications

Panel & machine wiring for export usage; electronic & medical equipment; wire bundling; MRO replacement or European equipment and machinery

Approvals



Cable Attributes		page 640	
OIL	OR-02	FLAME	FR-02
MOTION	FL-02	MECH.	MP-01

Application Advantage

- 14 standard color options
- <HAR> approval
- Large AWG range: 22 AWG to 480 KCMIL
- Flexible stranding vs. solid core and 7-strand
- Embossed cable marking available upon request

Technical Data

Temperature Range: - for stationary use: -30°C to +80°C	Color Code: 00: Green/Yellow 07: Violet 01: Black 08: Pink 02: Blue 09: Orange 03: Brown 10: Transparent* 04: Red 11: Yellow* 05: White 12: Green* 06: Gray 14: Dark blue * No <HAR> for transparent, yellow, or green wires ≥ 16 AWG
Nominal Voltage: - H05V-K: 300/500V - H07V-K: 450/750V	Approvals: <HAR> H05V-K & H07V-K CE & RoHS
Test Voltage: - H05V-K: 2000V - H07V-K: 2500V	
Conductor Stranding: Class 5 fine wire	

Part Number	Nominal Outer Diameter (in)	Nominal Outer Diameter (mm)	Copper Weight (lbs/mft)	Approx. Weight (lbs/mft)	Part Number	Nominal Outer Diameter (in)	Nominal Outer Diameter (mm)	Copper Weight (lbs/mft)	Approx. Weight (lbs/mft)
H05V-K					4 AWG (25 mm²)				
22 AWG (0.50 mm²)					4521..1	0.402	10.2	161	195
4510..1	0.099	2.5	3	6	2 AWG (35 mm²)				
20 AWG (0.75 mm²)					4521..2	0.461	11.7	226	268
4510..2	0.106	2.7	5	8	1 AWG (50 mm²)				
18 AWG (1.00 mm²)					4521..3	0.547	13.9	323	376
4510..3	0.110	2.8	6	10	2/0 AWG (70 mm²)				
H07V-K					4521..4	0.630	16.0	452	521
16 AWG (1.50 mm²)					3/0 AWG (95 mm²)				
4520..1	0.134	3.4	10	15	4521..5	0.717	18.2	613	693
14 AWG (2.50 mm²)					4/0 AWG (120 mm²)				
4520..2	0.161	4.1	16	25	4521..6	0.795	20.2	774	864
12 AWG (4 mm²)					300 KCMIL (150 mm²)				
4520..3	0.189	4.8	26	30	4521..7	0.886	22.5	968	1050
10 AWG (6 mm²)					370 KCMIL (185 mm²)				
4520..4	0.209	5.3	39	48	4521..8	0.980	24.9	1193	1287
8 AWG (10 mm²)					480 KCMIL (240 mm²)				
4520..5	0.268	6.8	65	81	4521..9	1.118	28.4	1548	1714
6 AWG (16 mm²)									
4520..6	0.319	8.1	103	126					

* No <HAR> approval available for 6 AWG (X07V-K)

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 = 4520001

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