

<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.

Recommended Applications

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

Approvals



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

Similar Cables

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

Technical Data

Temperature Range: - Stationary: -30°C to +80°C	Color Code:	00: Green/Yellow 01: Black 02: Blue 03: Brown 04: Red 05: White 06: Gray	07: Violet 08: Pink 09: Orange 10: Transparent* 11: Yellow* 12: Green* 14: Dark blue
Nominal Voltage: - H05V-K: 300/500V - H07V-K: 450/750V	Test Voltage: - H05V-K: 2000V - H07V-K: 2500V	Approvals:	<HAR> H05V-K & H07V-K CE & RoHS
Conductor Stranding:	Class 5 fine wire		

Part Number	Nominal Outer Diameter (inches)	Nominal Outer Diameter (mm)	Copper Weight (lbs/mft)	Approx. Weight (lbs/mft)	Part Number	Nominal Outer Diameter (inches)	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					

For Lapp part number, add the double digit color code (see above) to the part number in the table; ex.: 16 AWG H07V-K green/yellow = 4520001

* 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.