

<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 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	
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 (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				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.