

<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
Nominal Voltage: - H05V-K: 300/500V - H07V-K: 450/750V		01: Black	08: Pink
Test Voltage: - H05V-K: 2000V - H07V-K: 2500V		02: Blue	09: Orange
Conductor Stranding: Class 5 fine wire	Approvals: <HAR> H05V-K & H07V-K CE & RoHS	03: Brown	10: Transparent*
		04: Red	11: Yellow*
		05: White	12: Green*
		06: Gray	14: Dark blue

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.