

<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) | 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.