

## Excellent Integrated System Limited

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# HOOK-UP WIRE

PVC INSULATION  
 HARMONIZED, TRI-RATED

HAR: HD 21.5 HO5V-K HO7V-K  
 UL 1015, CSA or TEW

## CHOOSE HARMONIZED/ TRI-RATED HOOK-UP WIRE FOR:

- Installation in Electronic and Electrical Equipment Designed For Use in Europe
- North American **AND** European Compliance
- Adherence to CENELEC Guidelines

## HARMONIZED HOOK-UP WIRE APPLICATIONS:

- Internal Wiring of Appliances
- Internal Wiring of Electronic and Electrical Devices
- Wiring of Switches, PC Boards, and Distribution Boards in Production Facilities
- Internal Wiring of Industrial Machines and Equipment
- Internal Wiring of Electric Hand Tools
- Internal Wiring of Medical Devices
- Wiring in Closed Conduit Installations
- Internal Wiring in Vending and ATM Equipment
- For Use in International Cords and Cord Sets

## CHARACTERISTICS

### OPERATING TEMPERATURE:

- -30°C to +70°C (HAR – All Part Numbers)
- -10°C to +105°C (UL/CSA)

### VOLTAGE RATING:

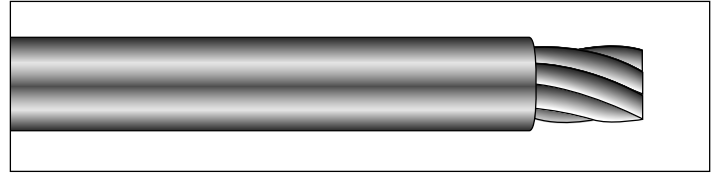
- HO5V-K: 300/500 Volt<sub>rms</sub> (HAR)
- HO7V-K: 450/750 Volt<sub>rms</sub> (HAR)
- UL 1015/CSA TEW: 600 Volt<sub>rms</sub>

### COLOR DESCRIPTION:

- Stock Colors: Black, Blue, Brown, Green/Yellow

### PRODUCT DESCRIPTION:

- Conductor: Fine Stranded Bare Copper, Meets VDE 0295, Class 5, Part 3 (IEC 228, Class 5)
- Insulation: Color-Coded PVC Insulation
- Insulation Resistance: 20 G-ohm-cm, Maximum



Alpha Part No.	AWG	Conductor mm <sup>2</sup>	Strand*	Insul. In.	Wall mm	Diameter mm	
<b>HO5V-K; UL AWM STYLE 1015 (105°C/600V/VW-1); CSA TEW (105°C/FT-1)</b>							
3130	18	1,0	31/32	0.031	0,8	0.114	2,90
<b>HO7V-K; UL AWM STYLE 1015 (105°C/600V/VW-1); CSA TEW (105°C/FT-1)</b>							
3131	16	1,5	30/30	0.003	0,8	0.130	3,30
3132	14	2,5	50/30	0.033	0,8	0.150	3,80
3133	12	4,0	56/28	0.033	0,8	0.169	4,30
3134	10	6,0	84/28	0.033	0,8	0.193	4,90
3135	8	10,0	80/26	0.056	1,4	0.268	6,80

\*Conductor size based on DC resistance therefore strand count may vary.

## SPECIFICATIONS

- Bend Radius: 15X Wire Diameter
- HAR HO5V-K; HD 21.5 S3; DIN 57281/VDE 0281-5
- HAR HO7V-K; HD 21.5 S3; DIN 57281/VDE 0281-5
- IEC 60227-1, -2, -5
- IEC 60228
- IEC 60304
- UL AWM Style 1015, CSA TEW
- CE Low Voltage Directive 73/23/EEC – Amendment 93/68/EEC



## AVAILABILITY

- 100 ft (30,5m), 1000 ft (305m) Spools