

EUROPEAN HOOK UP WIRE

Types H05 V-K, H07 V-K



< HAR >
300/500V 70°C
450/750V 70°C

HAR indicates acceptance by: Austria, Belgium, Denmark, Federal Republic of Germany, Finland, France, Greece, Ireland, Italy, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and United Kingdom.

Applications:

For use in electronic and electrical equipment designed for export to Europe. Also used in the repair of machinery originally manufactured in Europe.

Standards:

HD 21.1 S2, HD 21.2, HD 21.3 S2; HD 308, 361, 383, 385, 402, 405.1. VDE 0812 (H05), 028 (H07), 0295 CLASS 5, IEC 227.1, 227.2, 227.5, 228, 304, 332-1, 540. BS 6500. DIN 57281, 57250.

Construction:

Stranded copper conductor, PVC insulation.
 Fine wire per VDE 0295

Technical Data:

Voltage Rating: (H05V-K) 300/500 V
 (H07V-K) 450/750 V

Temperature Rating: (H05V-K) -30°C to +70°C
 (H07V-K) -30°C to +70°C

Minimum Bending Radius
 For Flexing: (H05V-K) 12.5 x O.D.
 (H07V-K) 15 x O.D.

Colors Available: See chart below

Approval: HAR - Conforms to "CE" low voltage directives

CAT. NO.	CONDUCTOR SIZE	NOM. O.D. inches	COLOR NO.
H05V-K PVC			
4510..1	20 AWG (16/32) 0.5 mm ²	0.083	00 GREEN / YELLOW
4510..2	18 AWG (24/32) 0.75 mm ²	0.094	01 BLACK
4510..3	17 AWG (32/32) 1 mm ²	0.102	02 BLUE
H07V-K PVC			
4520..1	16 AWG (30/30) 1.5 mm ²	0.118	03 BROWN
4520..2	14 AWG (50/30) 2.5 mm ²	0.146	04 RED
4520..3	12 AWG (56/28) 4 mm ²	0.169	05 WHITE
4520..4	10 AWG (84/26) 6 mm ²	0.193	06 GRAY
4520..5	8 AWG (80/26) 10 mm ²	0.256	07 VIOLET
4520..6	6 AWG (128/26) 16 mm ²	0.315	08 PINK
4521..1	4 AWG (200/26) 25 mm ²	0.386	09 ORANGE
4521..2	2 AWG (280/26) 35 mm ²	0.433	10 TRANSPARENT *
4521..3	1 AWG (400/26) 50 mm ²	0.512	11 YELLOW *
4521..4	2/0 AWG (560/26) 70 mm ²	0.610	12 GREEN *
4521..5	3/0 AWG (485/24) 95 mm ²	0.669	13 BEIGE
4521..6	4/0 AWG (514/24) 120 mm ²	0.776	14 DARK BLUE
4521..7	300 MCM AWG (765/24) 150 mm ²	0.839	
4521..8	370 MCM AWG (944/24) 185 mm ²	0.925	
4521..9	480 MCM AWG (1255/25) 240 mm ²	1.079	

* = NOT HAR

The complete part number is determined by adding the color number to the part number.

Example:

**Part number 4510..1 with Green / Yellow insulation
 is ordered as part number 4510001.**

<HAR> Green / Yellow Ground: For every 15 mm of length of insulation, one of the colors (green or yellow) must cover at least 30% and not more than 70% of the insulation surface, the other color covering the remainder.

