



<HAR>

European Hook Up Wire



Harmonized Hook Up Wire Types H05V-K, H07V-K

Harmonized European hook up wire is recommended for use in electronic and electrical equipment designed for export to European countries and for MRO replacement of European made equipment wire.

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:
Finely stranded bare copper conductors; PVC insulation.



<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.

Technical Data:

	H05 V-K	H07 V-K	Conductor stranding:	Fine wire per VDE 0295
Temperature range:	-30°C to +70°C		Color code:	See below
Rated voltage:	300/500 V	450/750 V	Approvals:	HAR
Test voltage:	2000 V	2500 V	Conforms to CE Directives	
Insulation resistance:	20 GΩ x cm			

Part Number	Conductor Size	Nominal Outer Diameter		Appx. Wt. Lbs/Mft	Color No.
		inches	mm		
H05V-K PVC					
4510..1	20 AWG (16/32) 0.5 mm ²	.083	2.1	5.8	00 Green/Yellow
4510..2	18 AWG (24/32) 0.75 mm ²	.094	2.4	7.5	01 Black
4510..3	17 AWG (32/32) 1 mm ²	.102	2.6	9.1	02 Blue
H07V-K PVC					
					03 Brown
4520..1	16 AWG (30/30) 1.5 mm ²	.118	3.0	14.5	04 Red
4520..2	14 AWG (50/30) 2.5 mm ²	.146	3.7	21	05 White
4520..3	12 AWG (56/28) 4 mm ²	.169	4.3	31	06 Gray
4520..4	10 AWG (84/28) 6 mm ²	.193	4.9	45	07 Violet
4520..5	8 AWG (80/26) 10 mm ²	.256	6.5	77	08 Pink
4520..6	6 AWG (128/26) 16 mm ²	.315	8.0	117	09 Orange
4521..1	4 AWG (200/26) 25 mm ²	.386	9.8	199	* 10 Transparent
4521..2	2 AWG (280/26) 35 mm ²	.433	11.0	265	* 11 Yellow
4521..3	1 AWG (400/26) 50 mm ²	.512	13.0	346	* 12 Green
4521..4	2/0 AWG (560/26) 70 mm ²	.610	15.5	466	14 Dark Blue
4521..5	3/0 AWG (485/24) 95 mm ²	.669	17.0	615	* Not HAR
4521..6	4/0 AWG (514/24) 120 mm ²	.776	19.7	772	
4521..7	300 MCM AWG (765/24) 150 mm ²	.839	21.3	975	
4521..8	370 MCM AWG (944/24) 185 mm ²	.925	23.5	1196	
4521..9	480 MCM AWG (1255/25) 240 mm ²	1.079	27.4	1575	

NOTE: To develop the OLFLEX® Part number - Insert the double digit color code in the above part number. For example 20 AWG H05V-K Green/Yellow: 4510001