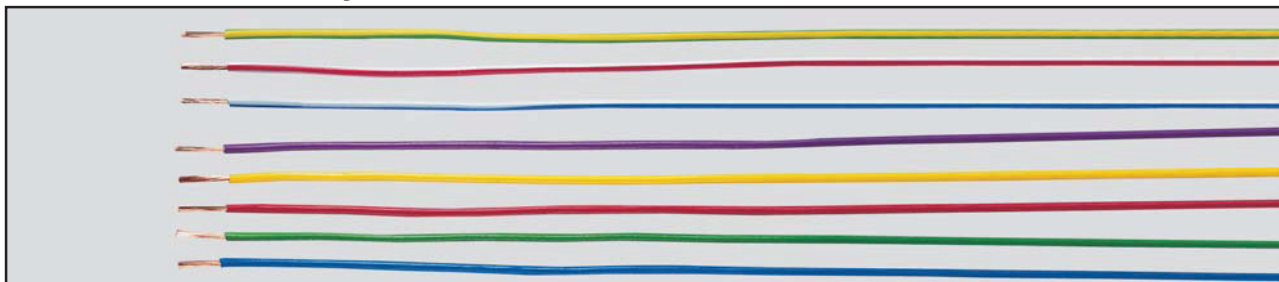


# European Hook-up Wire Harmonized H07V-K



PVC • Flexible • Many colors available • 70°- 80° C / 450 - 750 V



CE = The product conforms to the EC Low-Voltage Directive 73/23/EEC and 93/68/EEC

TECHNICAL DATA	CABLE CONSTRUCTION	APPLICATIONS
– PVC single conductors per DIN VDE 0281 part 3, HD 21.3 S3 and IEC 60227-3 – <b>Temperature range</b> Flexing -5° C to +70° C Stationary -30° C to +80° C – <b>Nominal voltage</b> $U_0/U$ 450/750V – <b>Test voltage</b> 2500V – <b>Minimum bending radius</b> 12.5 - 15 x cable Ø – <b>Insulation resistance</b> min. 10 MΩ/km – <b>Radiation resistance</b> up to 80 x 10 <sup>6</sup> cJ/kg (up to 80 Mrad)	– Bare copper, fine wire stranding per DIN VDE 0295 cl. 5, HD 383 and IEC 60228 cl. 5. – PVC conductor insulation material, T11 per DIN VDE 0281 part 3, HD 21.3 S3 and IEC 60227-3. – Conductors colors, see below. – PVC flame retardant and self-extinguishing, test method B according to VDE 0472 part 804 and IEC 60332-1.	Harmonized European hook-up wire is used in electrical and electronic equipment, designed for the European market. It meets CE guidelines.  <b>Dual colors, other colors and sizes to 240 mm<sup>2</sup> (500 MCM) are available.</b>

Cross Section mm <sup>2</sup>	AWG	Nom. O.D. (in) (mm)		Cop. Wt. (kg/km)	Part Number															
					Black	Grn/Yl	Blue	Brown	Red	White	Grey	Violet	Yellow	Pink	Green	Clear	Dk. Blue	Orange		
<b>H07V-K (Coils in boxes 100 m = 328 ft.)</b>																				
1.5	16	.13	3.4	14.4	29129	29130	29131	29132	29133	29134	29135	29136	29137	29138	29139	29140	29141	29142		
2.5	14	.16	4.1	24.0	29145	29146	29147	29148	29149	29150	29151	29152	29153	29154	29155	29156	29157	29158		
4	12	.19	4.8	38.0	29161	29162	29163	29164	29165	29166	29167	29168	29169	29170	29171	29172	29173	29174		
6	10	.21	5.3	58.0	29177	29178	29179	29180	29181	29182	29183	29184	29185	29186	29187	29188	29189	29190		
<b>H07V-K (Spools in various lengths)</b>																				
1.5	16	.13	3.4	14.4	26690	26691	26692	26693	26694	26695	26696	26697	26698	26699	26700	26701	26702	26703		
2.5	14	.16	4.1	24.0	26706	26707	26708	26709	26710	26711	26712	26713	26714	26715	26716	26717	26718	26719		
4	12	.19	4.8	38.0	26722	26723	26724	26725	26726	26727	26728	26729	26730	26731	26732	26733	26734	26735		
6	10	.21	5.3	58.0	26738	26739	26740	26741	26742	26743	26744	26745	26746	26747	26748	26749	26750	26751		
<b>H07V-K (Drums in various lengths)</b>																				
10	8	.27	6.8	96.0	26825	26826	26827	26828	26829	26830	26831	26832	26833	26834	26835	26836	26837	26838		
16	6	.32	8.1	154.0	26841	26842	26843	26844	26845	26846	26847	26848	26849	26850	26851	26852	26853	26854		
25	4	.40	10.2	240.0	26857	26858	26859	26860	26861	26862	26863	26864	26865	26866	26867	26868	26869	26870		
35	2	.46	11.7	336.0	26873	26874	26875	26876	26877	26878	26879	26880	26881	26882	26883	26884	26885	26886		
50	1	.55	13.9	480.0	26889	26890	26891	26892	26893	26894	26895	26896	26897	26898	26899	26900	26901	26902		
70	2/0	.63	16.0	672.0	26905	26906	26907	26908	26909	26910	26911	26912	26913	26914	26915	26916	26917	26918		
95	3/0	.72	18.2	912.0	26921	26922	26923	26924	26925	26926	26927	26928	26929	26930	26931	26932	26933	26934		
120	4/0	.80	20.2	1152.0	29305	29306	29307	29308	29309	29310	29311	29312	29313	29314	29315	29316	29317	29318		
150	300 MCM	.89	22.5	1440.0	29321	29322	29323	29324	29325	29326	29327	29328	29329	29330	29331	29332	29333	29334		
185	350 MCM	.98	24.9	1776.0	29337	29338	29339	29340	29341	29342	29343	29344	29345	29346	29347	29348	29349	29350		
240	500 MCM	1.12	28.4	2304.0	29353	29354	29355	29356	29357	29358	29359	29360	29361	29362	29363	29364	29365	29366		

**NOTES:**

- Further sizes and configurations available upon request
- Call with applications which are beyond standard specifications
- AWG sizes approximate. Actual cross sections in mm<sup>2</sup>. See page 96.

Dimensions and specifications may be changed without prior notice.