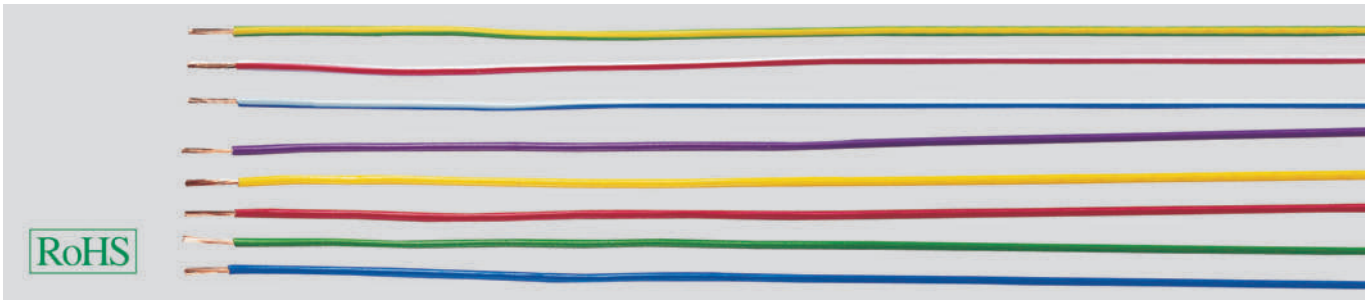
H07 V-K / (H)07 V-K PVC-Single Cores, fine wire stranded



Technical data

- PVC single cores to DIN VDE 0281 part 3, HD 21.3 S3 and IEC 60227-3
- **Temperature range**
  flexing -5 °C to +70 °C
  fixed installation -30 °C to +80 °C
- **Nominal voltage** U_0/U 450/750 V
- **Test voltage** 2500 V
- **Insulation resistance**
  min. 10 MOhm x km
- **Minimum bending radius**
  12,5 to 15x cable ø
- **Radiation resistance**
  up to 80x10^6 cJ/kg (up to 80 Mrad)

Cable structure

- Bare copper fine wire stranded to DIN VDE 0295 cl. 5, BS 6360 cl. 5, HD 383 and IEC 60228 cl. 5
- PVC core insulation, compound TI1 to DIN VDE 0281 part 3, HD 21.3 S3 and IEC 60227-3
- Core colours see below
- **Core Identification with nominal voltage U_0/U 450/750 V**
- The following colours are recommended (only single colour): black, white, blue, grey, brown, red, orange, turquoise, violet and pink. Two-coloured combinations are not allowed, with exceptions of green-yellow.
- **Colour code Single core cables H07 see Technical Informations**

Properties

- PVC self-extinguishing and flame retardant according to VDE 0482-332-1-2, DIN EN 60332-1-2/ IEC 60332-1 (equivalent DIN VDE 0472 part 804 test method B)
- The materials used in manufacture are cadmium-free and contain no silicone and free from substances harmful to the wetting properties of lacquers

Note

- Colours yellow, green, transparent only in (H)07 V-K available.
- Two-coloured combination is only permitted for (H)07 V-K.

Application

These insulated wires are suitable for laying in tubes, under and surface mounting of plasters and also in closed installation conduits. These are not allowed to install for direct laying on cable trays, channels or tanks. These types are permitted for the inner wiring of equipment, distributor and switchboards and also for protective laying to the lightings with a nominal voltage up to 1000 V alternating current or up to 750 V direct current against earth.

CE= The product is conformed with the EC Low-Voltage Directive 2006/95/EG.

K

H07 V-K, (H)07 V-K/mm²

Cross-section mm²	Outer Ø min. - max. mm	Cop. weight kg / km	black	gn-ye	blue	brown	red	white	grey	vio	ye	pink	green	trans	dk-bu	og	2-col.	u-blue
approx. RAL			9005	-	5015	8003	3000	9003	7001	4005	1021	3015	6018	-	5010	2003	-	5002



Coil in cardboard (100m)

Packing																		
H07 V-K																		
Part no. 1,5	2,8 - 3,4	14,4	29129	29130	29131	29132	29133	29134	29135	29136	29137	29138	29139	29140	29141	29142	29144**	26395
Part no. 2,5	3,4 - 4,1	24,0	29145	29146	29147	29148	29149	29150	29151	29152	29153	29154	29155	29156	29157	29158	29160	26396
Part no. 4	3,9 - 4,8	38,0	29161	29162	29163	29164	29165	29166	29167	29168	29169	29170	29171	29172	29173	29174	29176	26397
Part no. 6	4,4 - 5,3	58,0	29177	29178	29179	29180	29181	29182	29183	29184	29185	29186	29187	29188	29189	29190	29192	26398



Spool (with various capacity)

Packing																		
H07 V-K																		
Part no. 1,5	2,8 - 3,4	14,4	26690	26691	26692	26693	26694	26695	26696	26697	26698	26699	26700	26701	26702	26703	26705**	26399
Part no. 2,5	3,4 - 4,1	24,0	26706	26707	26708	26709	26710	26711	26712	26713	26714	26715	26716	26717	26718	26719	26721	26400
Part no. 4	3,9 - 4,8	38,0	26722	26723	26724	26725	26726	26727	26728	26729	26730	26731	26732	26733	26734	26735	26737	26401
Part no. 6	4,4 - 5,3	58,0	26738	26739	26740	26741	26742	26743	26744	26745	26746	26747	26748	26749	26750	26751	26753	26402

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