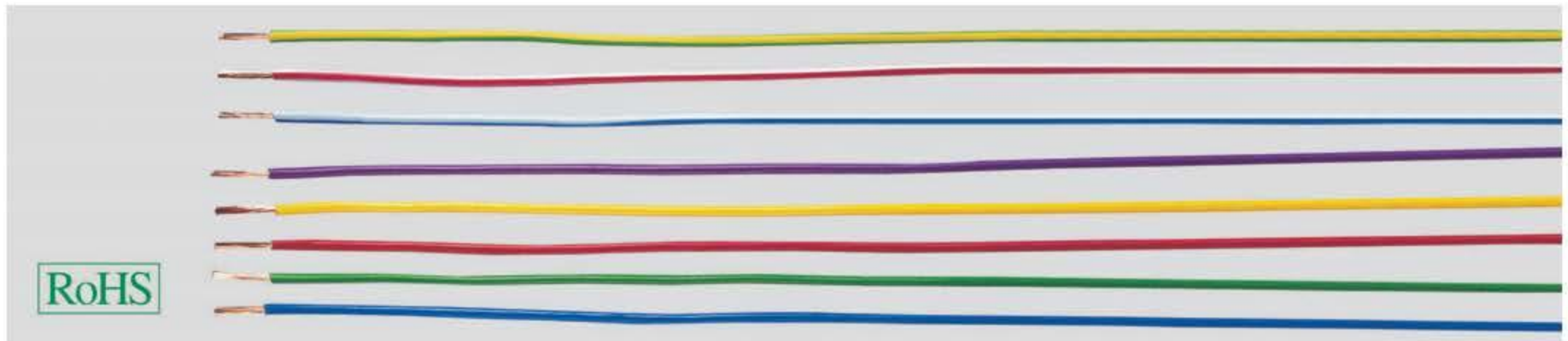


H07 V-K PVC-Single Cores, fine wire stranded



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 MΩ x km
- **Minimum bending radius**
12,5 to 15x cable \varnothing
- **Radiation resistance**
up to 80×10^6 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 T11 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.

H07 V-K, (H)07 V-K/mm²

Cross-section mm ²	Outer \varnothing 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.	2,8 - 3,4	3,4 - 4,1	3,9 - 4,8	4,4 - 5,3
Part no.	29129	29130	29131	29132
1,5	29133	29134	29135	29136
2,5	29137	29138	29139	29140
4	29141	29142	29143	29144**
6	29145	29146	29147	29148
	29149	29150	29151	29152
	29153	29154	29155	29156
	29157	29158	29159	29160
	29161	29162	29163	29164
	29165	29166	29167	29168
	29169	29170	29171	29172
	29173	29174	29175	29176
	29177	29178	29179	29180
	29181	29182	29183	29184
	29185	29186	29187	29188
	29189	29190	29191	29192
	26395	26396	26397	26398

Continuation ▶