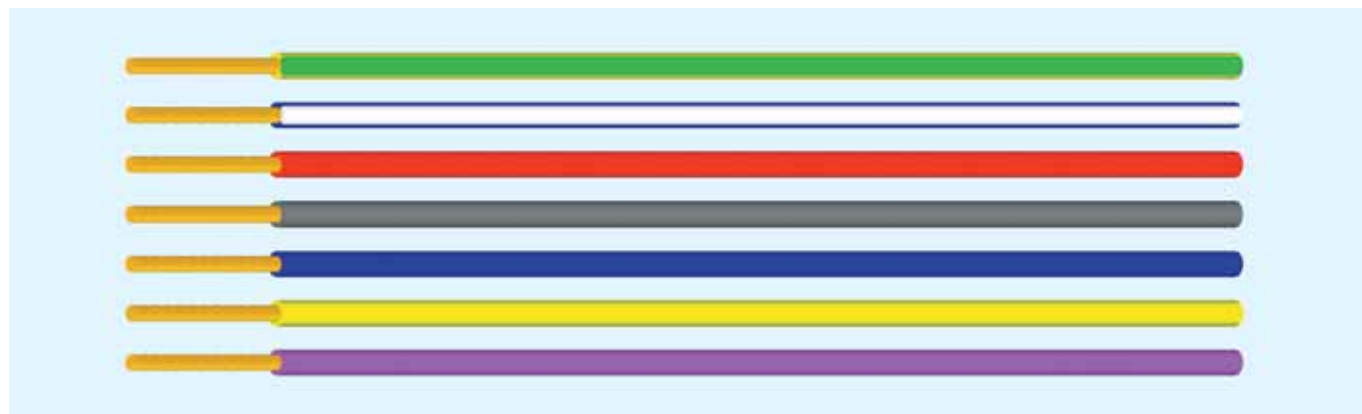


H05 V-K, H07 V-K

PVC single core cables, harmonized type, stranded



Cable structure

- Bare copper wire stranded according to DIN VDE 0295, HD 383 and IEC 60228 cl. 5
- PVC core insulation according to DIN VDE 0281 part 3, HA 23.3 S3 and IEC 60227-3
- PVC self-extinguishing and flame retardant, according to DIN VDE 0482 part 265-2-1/ EN 50265-2-1/ IEC 60332-1

Technical data

- Single core cables with PVC insulation according to DIN VDE 0281 part 3, HD 21.3 S3 and IEC 60227-3
- **Temperature range:** flexing from -5 °C to +70 °C
fixed from -30 °C to +80 °C
- **Nominal voltage** U_0/U 300/500 V resp. 450/750 V
- **Test voltage a.c.** 2000 V resp. 2500 V
- **Insulation resistance** min. 10 M Ω × km
- **Minimum bending radius** 12,5–15× cable diameter
- **Radiation resistance** up to 80×10⁶ cJ/kg (up to 80 Mrad)

Connection wires with nominal voltage U_0/U 450/750 V

The following colors are recommended (only single colors):
Black, white, blue, grey, brown, red, orange, violet and pink.

Application

H07 V-K according to DIN VDE 0281 part 3, HD 21.3 S3 and IEC 60227-3 PVC connecting wires. These insulated cables are designed for laying in tubes under the plaster surface as well as in closed installation conduits. These cables are not suitable for direct installation in cable trays, channels or tanks. This type of cable is ideal for inner wiring in appliances and switch boards.

Note

CE = the product is conformed with the EC Low-Voltage Directive 73/23/EEC.

Conforms to RoHS.

*Two color combination is allowed for (H)07 V-K only.

Core cross-section mm ²	max Ø mm	Copper weight kg/km	Ord. code	Ord. code	Ord. code	Ord. code	Ord. code	Ord. code	Ord. code	Ord. code	Ord. code	Ord. code	Ord. code	Ord. code	Ord. code	Ord. code	Ord. code	Ord. code
cca. RAL	black 9005	gr.-yellow 6018/1021	blue 5015	braun 8003	red 3000	white 1013	gray 7000	violet 4005	yellow 1021	pink 3015	green 6018	transpar. -	dk.blue 5010	orange 2003	other -	2-colors -		
H05 V-K/mm²																		
0,5	2,5	4,8	0129081	0129082	0129083	0129084	0129085	0129086	0129087	0129088	0129089	0129090	0129091	0129092	0129093	0129094	0129095	0129096
0,75	2,7	7,2	0129097	0129098	0129099	0129100	0129101	0129102	0129103	0129104	0129105	0129106	0129107	0129108	0129109	0129110	0129111	0129112
1	2,8	9,6	0129113	0129114	0129115	0129116	0129117	0129118	0129119	0129120	0129121	0129122	0129123	0129124	0129125	0129126	0129127	0129128
H07 V-K/(H)07 V-K*/mm²																		
1,5	3,4	14,4	0129129	0129130	0129131	0129132	0129133	0129134	0129135	0129136	0129137	0129138	0129139	0129140	0129141	0129142	0129143	0129144**
2,5	4,1	24	0129145	0129146	0129147	0129148	0129149	0129150	0129151	0129152	0129153	0129154	0129155	0129156	0129157	0129158	0129159	0129160
4	4,8	38	0129161	0129162	0129163	0129164	0129165	0129166	0129167	0129168	0129169	0129170	0129171	0129172	0129173	0129174	0129175	0129176
6	5,3	58	0129177	0129178	0129179	0129180	0129181	0129182	0129183	0129184	0129185	0129186	0129187	0129188	0129189	0129190	0129191	0129192
10	6,8	96	0129193	0129194	0129195	0129196	0129197	0129198	0129199	0129200	0129201	0129202	0129203	0129204	0129205	0129206	0129207	0129208
16	8,1	154	0129209	0129210	0129211	0129212	0129213	0129214	0129215	0129216	0129217	0129218	0129219	0129220	0129221	0129222	0129223	0129224
25	10,2	240	0129225	0129226	0129227	0129228	0129229	0129230	0129231	0129232	0129233	0129234	0129235	0129236	0129237	0129238	0129239	0129240
35	11,7	336	0129241	0129242	0129243	0129244	0129245	0129246	0129247	0129248	0129249	0129250	0129251	0129252	0129253	0129254	0129255	0129256
50	13,9	480	0129257	0129258	0129259	0129260	0129261	0129262	0129263	0129264	0129265	0129266	0129267	0129268	0129269	0129270	0129271	0129272
70	16,0	672	0129273	0129274	0129275	0129276	0129277	0129278	0129279	0129280	0129281	0129282	0129283	0129284	0129285	0129286	0129287	0129288
95	18,2	912	0129289	0129290	0129291	0129292	0129293	0129294	0129295	0129296	0129297	0129298	0129299	0129300	0129301	0129302	0129303	0129304
120	20,2	1152	0129305	0129306	0129307	0129308	0129309	0129310	0129311	0129312	0129313	0129314	0129315	0129316	0129317	0129318	0129319	0129320
150	22,5	1440	0129321	0129322	0129323	0129324	0129325	0129326	0129327	0129328	0129329	0129330	0129331	0129332	0129333	0129334	0129335	0129336
185	24,9	1776	0129337	0129338	0129339	0129340	0129341	0129342	0129343	0129344	0129345	0129346	0129347	0129348	0129349	0129350	0129351	0129352
240	28,4	2304,0	0129353	0129354	0129355	0129356	0129357	0129358	0129359	0129360	0129361	0129362	0129363	0129364	0129365	0129366	0129367	0129368