



HALLEY CABLES

MYF - H05V-K (0.3/0.5 kV) - H07V-K (0.45/0.75 kV)

Unsheathed single-core cables



www.halleycables.com

Construction:

Conductor material : multiwire annealed copper conductor (class 5), according EN 60228.
Insulation : PVC type TI1.

Technical data and tests:

Nominal voltage U_0/U : 300/500 V; 50 Hz;
450/750 V; 50 Hz.
Max. temperature at conductor : +70° C.
Max. shortcircuit temperature : +160° C for 5 seconds.
Min. bending radius : 6 x cable diameter.
Color coding : H05V -K - Monochrome cables: black, blue, brown, gray, orange, pink, red, turquoise, violet, white, green and yellow.
All two-colors combinations are accepted. Yellow-green cables : min 30% green, max 70% yellow.
H07V-K - Monochrome cables: black, blue, brown, gray, orange, pink, red, turquoise, violet, white Yellow-green cables : min 30% green, max 70% yellow
Other two-colors combinations are not accepted.

Standards:

HD 21.3 S3
HD 21.3+A1
EN 60228

Applications:

This cable is used many situations; is can be laid in pipes on top of or under plaster and in closed installation ducts and for internal wiring of machinery, switchgear and distributor systems. This cable should not be laid directly under plaster, however, only for signal circuit.



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DIMENSIONS

Nominal cross section of conductor mm ²	Max. copper wire diameter mm	Nominal insulation thickness mm	Nominal outer diameter mm	Max. resistance at 20°C Ω/km	Insulation resistance at 70°C MΩ*km	Mass inf kg/km
H05V-K						
0.5	0.21	0.6	2.1	39	0.013	8
0.75	0.21	0.6	2.3	26	0.011	11
1	0.21	0.6	2.5	19.5	0.01	14
H07V-K						
1.5	0.26	0.7	2.9	13.3	0.01	19
2.5	0.26	0.8	3.6	7.98	0.0095	31
4	0.31	0.8	4.1	4.95	0.0078	44
6	0.31	0.8	4.7	3.3	0.0068	65
10	0.41	1	6.1	1.91	0.0065	108
16	0.41	1	7.1	1.21	0.0053	161
25	0.41	1.2	8.7	0.78	0.0050	248
35	0.41	1.2	9.9	0.554	0.0043	337
50	0.41	1.4	11.6	0.386	0.0042	485
70	0.51	1.4	13.3	0.272	0.0036	681
95	0.51	1.6	15.2	0.206	0.0036	878
120	0.51	1.6	17	0.161	0.0032	1151
150	0.51	1.8	18.9	0.129	0.0032	1417
185	0.51	2	21	0.106	0.0032	1738
240	0.51	2.2	24.9	8.01	0.0031	2304

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