

H05V-K (300/500 V)

Nominal cross sectional area of conductor	Nominal insulation thickness	Mean overall diameter		Max conductor resistance at 20°C	Min insulation resistance at 70°C
		Lower limit	Upper limit		
sqmm	mm	mm	mm	Ω / km	MΩkm
0.50	0.60	2.10	2.50	39.00	0.013
0.75	0.60	2.20	2.70	26.00	0.011
1.00	0.60	2.40	2.80	19.50	0.010

SMRUTI CABLES PVT. LTD.

Plot No. : 2, Block No. : 243, Near Ramdev Exports,
Santej Vadsar Road, Santej, Ta. - Kalol, Dist. -
Gandhinagar-382 721, Gujarat, India

Phone:+91 98250 15073

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HO7V-K (450/750 V)

Nominal cross sectional area of conductor	Nominal insulation thickness	Mean overall diameter		Max conductor resistance at 20°C	Min insulation resistance at 70°C
		Lower limit	Upper limit		
sqmm	mm	mm	mm	Ω / km	MΩkm
01.50	0.70	02.80	03.40	13.300	0.0100
02.50	0.80	03.40	04.10	07.980	0.0095
04.00	0.80	03.90	04.80	04.950	0.0078
06.00	0.80	04.40	05.30	03.300	0.0068
10.00	1.00	05.70	06.80	01.910	0.0065
16.00	1.00	06.70	08.10	01.210	0.0053
25.00	1.20	08.40	10.20	00.780	0.0050
35.00	1.20	09.70	11.70	00.554	0.0043
50.00	1.40	11.00	13.90	00.386	0.0042
70.00	1.40	13.20	16.00	00.272	0.0036
95.00	1.60	15.10	18.20	00.206	0.0036
120.00	1.60	16.70	20.20	00.161	0.0032
150.00	1.80	18.60	22.50	00.129	0.0032
185.00	2.00	20.60	24.90	00.106	0.0032
240.00	2.20	23.50	28.40	00.081	0.0031

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