

HO5V-R (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	2.00	2.40	36.00	0.014
0.75	0.60	2.20	2.60	24.50	0.012
1.00	0.60	2.30	2.80	18.10	0.011

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

Email:sales@smruticable.com

HO7V-R (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	02.70	03.30	12.100	0.0100
02.50	0.80	03.30	04.00	07.410	0.0099
04.00	0.80	03.80	04.60	04.610	0.0082
06.00	0.80	04.30	05.20	03.080	0.0070
10.00	1.00	05.60	06.70	01.830	0.0067
16.00	1.00	06.40	07.80	01.150	0.0056
25.00	1.20	08.10	09.70	00.727	0.0053
35.00	1.20	09.00	10.90	00.524	0.0046
50.00	1.40	10.60	12.80	00.387	0.0046
70.00	1.40	12.10	14.60	00.268	0.0040
95.00	1.60	14.10	17.10	00.193	0.0039
120.00	1.60	15.60	18.80	00.153	0.0035
150.00	1.80	17.30	20.90	00.124	0.0035
185.00	2.00	19.30	23.30	00.100	0.0035
240.00	2.20	22.00	26.60	00.076	0.0034
300.00	2.40	24.50	29.60	00.061	0.0033
400.00	2.60	27.50	33.20	00.047	0.0031
500.00	2.80	30.50	36.90	00.037	0.0030
630.00	2.80	34.00	41.10	00.029	0.0027

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

Email:sales@smruticables.com