

H05VV-F (300/500 V)

Nominal cross sectional area of conductor	Nominal insulation thickness	Nominal sheath thickness in mm				Max overall diameter in mm								Max conductor resistance at 20°C	Min insulation resistance at 70°C	
		2 core	3 core	4 core	5 core	2 core		3 core		4 core		5 core				
						Lower limit	Upper limit	Lower limit	Upper limit	Lower limit	Upper limit	Lower limit	Upper limit			
sqmm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	Ω/km	MΩkm
0.75	0.60	0.80	0.80	0.80	0.90	5.70	07.20	06.00	07.60	06.60	08.30	07.40	09.30	26.00	0.011	
1.00	0.60	0.80	0.80	0.90	0.90	5.90	07.50	06.30	08.00	07.10	09.00	07.80	09.80	19.50	0.010	
1.50	0.70	0.80	0.90	1.00	1.10	6.80	08.60	07.40	09.40	08.40	10.50	09.30	11.60	13.30	0.010	
2.50	0.80	1.00	1.00	1.10	1.20	8.40	10.60	09.20	11.40	10.10	12.50	11.20	13.90	07.98	0.010	
4.00	0.80	1.10	1.20	1.20	1.40	9.70	12.10	10.50	13.10	11.50	14.30	13.00	16.10	04.95	0.008	

**SMRUTI CABLES PVT. LTD.**

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H05V2V2-F (300/500 V)

Nominal cross sectional area of conductor	Nominal insulation thickness	Nominal sheath thickness in mm				Max overall diameter in mm								Max conductor resistance at 20°C	Min insulation resistance at 90°C
		2 core	3 core	4 core	5 core	2 core		3 core		4 core		5 core			
						Lower limit	Upper limit	Lower limit	Upper limit	Lower limit	Upper limit	Lower limit	Upper limit		
sqmm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	Ω/km	MΩkm
0.75	0.60	0.80	0.80	0.80	0.90	5.70	07.20	06.00	07.60	06.60	08.30	07.40	09.30	26.00	0.011
1.00	0.60	0.80	0.80	0.90	0.90	5.90	07.50	06.30	08.00	07.10	09.00	07.80	09.80	19.50	0.010
1.50	0.70	0.80	0.90	1.00	1.10	6.80	08.60	07.40	09.40	08.40	10.50	09.30	11.60	13.30	0.010
2.50	0.80	1.00	1.00	1.10	1.20	8.40	10.60	09.20	11.40	10.10	12.50	11.20	13.90	07.98	0.010
4.00	0.80	1.10	1.20	1.20	1.40	9.70	12.10	10.50	13.10	11.50	14.30	13.00	16.10	04.95	0.008

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