

HOUSE WIRING CABLES

Varsha cables manufactures PVC insulated house wiring cables made from electrolytic grade annealed bare copper conductor and insulated with special grade flame retardant high grade PVC. The cables are spark-tested on-line for superior performance. The cables are manufactured to strict manufacturing guidelines with a unique length of 90 meters. The cables are available in cross sections ranging from 1.0 sq. mm. to 6.0 sq. mm. in strong and attractive cartons. The house wiring cables manufactured by Varsha cables have approval of ISI, FIA and TAC.

COPPER CONDUCTOR, PVC INSULATED WIRES 650 / 1100 V, SOLID / STANDARD, HOUSE WIRING CABLES									
CONFORMING SPECIFICATION IS 694									
Nominal Area Of Conductor	No. /Dia wire	Nominal Thickness Of Insulation	Approx. Overall Diameter	Current Carrying Capacity 2 Cables, Single Phase		Resistance (max) at 20°C	Additional Flame Retardant Properties		
				In conduit Amps	Unenclosed Amps		Test	Specifications	Typical Values
mm ²	mm	mm	mm			ohms / km			
1	14/0.3	0.7	2.8	11	12	18.1	Critical Oxygen Index	ASTM-D 2863	More Than 29%
1.5	22/0.3	0.7	3.1	13	13	12.1			
2.5	36/0.3	0.8	3.8	18	18	7.41			
4	56/0.3	0.8	4.4	24	24	4.95	Temp. Index	ASTM-D 2863 & BICC Hand Book	More Than 250°C
6	84/0.3	0.8	5.2	31	37	3.3			
10	140/0.3	1	6.6	42	60	1.91			
16	126/0.4	1	7.8	57	79	1.21			
25	196/0.4	1.2	9.7	71	100	0.78			