

indo plast PVC House Wires

SINGLE CORE, twin insulated WIRES IN VOLTAGE GRADE 1100 V conforming to IS 694

Nominal area of Copper Conductor	Number / Nominal Diameter of strands	Thickness of insulation (nominal)	Approximate Overall Diameter of wire	Current carrying capacity # 2		Resistance (MAX) per Km @ 20 C
				In conduit / Trunking	Unenclosedclipped directly to a surface or on cable tray Amps	
Sq. mm	mm	mm	mm	Amps		Ohms
1.0	14/.3*	0.7	2.8	11	12	18.10
1.5	22/.3*	0.7	3.1	13	16	12.10
2.5	36/.3*	0.8	3.8	18	22	7.41
4.0	56/.3*	0.8	4.4	24	29	4.95
6.0	85/.3*	0.8	5.0	31	37	3.30

Standard Colours-Black, Red, Blue, Yellow & Green (for earthing). Supplied in 90 meters length in attractive carton

*As per conductor Class 2 of IS : 8130/1984 # As per IS 3961 (part V) 1968

Single Core, Unsheathed Wires In Voltage Grade 1100 V.

Reference Only

10	140/3	1.0	6.6	42	51	1.91
16	126/4	1.0	7.8	57	68	1.21
25	196/4	1.2	9.7	71	86	0.780
35	276/4	1.2	10.9	91	110	0.554
50	396/4	1.4	13.2	120	145	0.386

Standard Colours : Black, Red, Blue and Yellow. Other colours on request. Supplied in 100 meters lengths in coils
Above sizes are as per conductor Class 5 of IS:8130/1984 confirm to is 694 1990

Technical Specifications House Wires

Reference Only

SWG Size	Nominal Cond. Diameter	Approx. Overall Diameter		In conduit Trunking	Unenclose d-clipped directly to a surface or on Cable
		250/440V	850/1100V		
mm	mm	mm	mm	Amp	Amp
1/18	1/1.12	3.0	3.5	10	11
3/22	3/0.73	3.5	4.0	12	15
3/20	3/0.91	3.9	4.4	16	20
7/22	7/0.73	4.1	4.6	19	23
7/20	7/0.91	4.9	5.4	26	31
7/18	7/1.12	5.5	6.0	33	40
7/16	7/1.63	7.0	7.5	52	62

Standard Colours : Black, Red, Blue, Yellow and Green (for earthing). Supplied in 90 meters length coil/roll

