

VJ's HOUSE WIRING & INDUSTRIAL WIRES COPPER CONDUCTOR CABLES

No. & Dia of Wires Inch	No. & Size of wires SWG	No. & Dia of Wires mm	Thickness of PVC insulation mm	Thickness of PVC Outer sheath Mm	Approx. overall dia mm	Approx. Net Wt. Kg/Km	Standard Resistance at 20°C Ohms/Km	Current Rating Amps.
SINGLE CORE UNSHEATHED								
1/0.044	1/18	1/1.12	1.0	-	3.20	18.100	17.58	19
3/0.029	3/22	3/0.73	1.0	-	3.70	23.500	13.76	22
3/0.036	3/20	3/0.91	1.0	-	4.10	31.200	8.927	28
7/0.029	7/22	7/0.73	1.1	-	4.50	41.500	5.879	38
7/0.036	7/20	7/0.91	1.2	-	5.20	60.000	3.815	46
7/0.044	7/18	7/1.12	1.2	-	5.80	81.500	2.555	57
7/0.052		7/1.32	1.2	-	6.40	108.000	1.207	70
7/0.064	7/16	7/1.62	1.3	-	7.50	156.000	0.9425	88
19/0.044	19/18	19/1.12	1.3	-	8.30	197.000	0.6748	110
19/0.052		19/1.32	1.3	-	9.30	265.000	0.445	127
19/0.064	19/16	19/1.62	1.4	-	11.00	390.000	0.2649	160
19/0.083	19/14	19/2.11	1.4	-	13.40	640.000	0.2289	220
37/0.064	37/16	37/1.62	1.5	-	14.50	725.000	0.1361	245
37/0.083	37/14	37/2.11	1.5	-	17.90	1210.000		320
SINGLE CORE SHEATHED								
1/0.044	1/18	1/1.12	1.00	0.70	4.70	30.000	17.58	19
3/0.029	3/22	3/0.73	1.00	0.70	5.20	37.000	13.76	22
3/0.036	3/20	3/0.91	1.00	0.70	5.60	45.500	8.927	28
7/0.029	7/22	7/0.73	1.10	0.70	6.00	58.000	5.879	38
7/0.036	7/20	7/0.91	1.20	0.70	6.60	74.000	3.815	46
7/0.044	7/18	7/1.12	1.20	0.70	7.20	100.500	2.555	57
TWIN CORE FLAT								
1/0.044	1/18	1/1.12	1.00	0.90	5.10 × 8.40	71.000	17.58	14
3/0.029	3/22	3/0.73	1.00	0.90	5.60 × 9.40	87.000	13.76	18
3/0.036	3/20	3/0.91	1.00	1.00	6.20 × 10.40	113.000	8.927	24
7/0.029	7/22	7/0.73	1.10	1.00	6.60 × 11.20	140.000	5.879	31
7/0.036	7/20	7/0.91	1.20	1.00	7.20 × 12.40	182.000	3.815	37
7/0.044	7/18	7/1.12	1.20	1.10	8.00 × 13.80	239.000	2.555	46

Sole Distributor
(Tamil Nadu & Maharashtra)
DIAMOND ELECTRICALS