

# Swadeshi<sup>®</sup> CABLES

An ISO 9001 Company



PRODUCT CATALOGUE





### SINGLE CORE PVC INSULATED UNSHEATHED COPPER CONDUCTOR CABLES IN VOLTAGE GRADE 1100 V. AS PER IS:694:1990

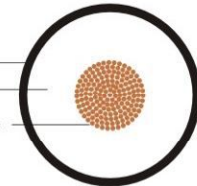
Nominal Cross Sectional area of Conductor	Number / Nominal Dia. of Conductor	Nominal Thickness of Insulation	Overall Diameter Max.	Max. Conductor Resistance at 20°C	Current Rating	
					In Conduit or Trunking	Clipped Directly to a Surface
mm <sup>2</sup> .	mm.	mm.	mm.	Ohms/km	Amp	Amp
0.75	24/0.20	0.60	2.4	26.00	7	8
1.00	14/0.30	0.70	2.8	18.10	11	12
1.50	22/0.30	0.70	3.1	12.10	13	16
2.50	36/0.30	0.80	3.8	7.41	18	22
4.00	56/0.30	0.80	4.4	4.95	24	29
6.00	84/0.30	0.80	5.0	3.30	31	37

Note: Supplied in 90 meter lengths and in 270 meters project packaging.

**Colour :** Red, Yellow, Blue, Black, Grey and Green.

Any other colour on specific request can also be supplied.

Skin Colour PVC  
Natural PVC  
Multistrand Flexible  
Copper Conductor



### PANEL - WIRE

#### SINGLE CORE INSULATED COPPER CONDUCTOR UNSHEATHED FLEXIBLE CABLE 1100 V. GRADE FOR INDUSTRIAL APPLICATION



Nominal Cross Sectional area of Conductor	Number / Nominal Dia. of Conductor	Nominal Thickness of Insulation	Overall Diameter (Approx.)	Max. Conductor Resistance at 20°C	Current Rating
mm <sup>2</sup> .	mm.	mm.	mm.	Ohms/km	Amp
0.50	16/0.20	0.60	2.20	39.00	4
0.75	24/0.20	0.60	2.50	26.00	7
1.00	32/0.20	0.60	2.60	19.50	12
1.50	30/0.25	0.60	2.90	13.30	16
2.50	50/0.25	0.70	3.50	7.98	22
4.00	56/0.30	0.80	4.30	4.95	29
6.00	84/0.30	0.80	5.30	3.30	37
10	140/0.30	1.00	6.70	1.91	51
16	126/0.40	1.00	8.20	1.21	68
25	196/0.40	1.20	10.00	0.780	86
35	276/0.40	1.20	11.3	0.554	110
50	396/0.40	1.40	13.5	0.386	145
NOTE Cable above 50 sq. mm are not covered by IS : 694 But are as per IS: 2465					
70	360/0.50	1.60	15.5	0.272	161
95	475/0.50	1.80	18.5	0.206	200
120	608/0.50	2.00	20.9	0.161	225
150	750/0.50	2.00	22.5	0.129	240
185	925/0.50	2.20	24.6	0.106	300
240	1221/0.50	2.20	27.6	0.0801	425
300	1527/0.50	2.40	32.2	0.0641	475
400	2036/0.50	2.60	35.7	0.0486	550

Note: Supplied in 100 meter lengths.

**Colour :** Red, Yellow, Blue, Black, Grey and Green.

Any other colour on specific request can also be supplied.

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