



IS : 694

CML - 7994312
AN ISO 9001 : 2008
Certified Company

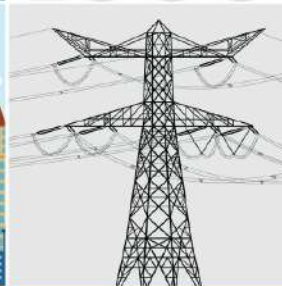
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Wires & Cables

ELECTRIC
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Hiramani Cable Industries is one of the leading manufactures of wire and cable established in year **1996**. The **Quality and Trust** of Hiramani cable makes it preferred choice for wires and cables across india. Our main focus is on **Customer's Satisfaction** and safety.



Our **Vision** is delivering best quality of product in committed time with constant innovation and providing wide range of wire and cables.

Our **Mission** is to be the key and foremost player in wire and cable industries by:



3 Core Flat Cables for Submersible Pumps Motors 1100V

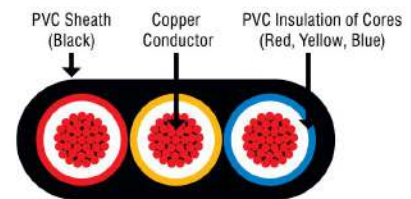
As per IS 694:1990 - ISI Marked

Conductor		Insulation	Sheath (overall dimensions)		Conductor Resistance @20' C(max) Ohms/km	Current Carrying Capacity @40' C Amps
Area (Nom) sq. mm	No./dia of strands mm	Thickness (Nom) mm	Thickness (Nom) mm	Size (approx) (W x T)mm		
1.5	22/0.30	0.8	1.1	11.6x5.5	12.10	16
2.5	36/0.30	0.9	1.2	13.9x6.4	7.41	22
4.0	56/0.30	1	1.3	16.1x7.1	4.95	29



Note : Insulation thickness, Sheath thickness and Overall Dimensions given in this are nominal values. The strand diameter is nominal. However, Construction of the conductor is designed to satisfy the requirement of conductor resistance as per IS 8130 : 1984.

Technical Data



Generally conforming to IS:694

Conductor		Insulation	Sheath (overall dimensions)		Conductor Resistance @20' C (max) Ohms/km	Current Carrying Capacity @40' C Amps
Area (Nom) sq. mm	No./dia of Strands mm	Thickness (Nom) mm	Thickness (Nom) mm	Size (approx) (W x T)mm		
6.0	84/0.30	1.0	1.1	18.7x7.9	3.30	31
10.0	140/0.30	1.0	1.4	23.7x9.9	1.91	42
16.0	226/0.30	1.0	1.4	28.0x11.4	1.21	57
25.0	354/0.30	1.2	2.0	35.5x14.7	0.780	72

The Number And Diameter Of Conductor Strands Are For Reference Only And Governed By Conductor Resistance. The Content In The Charts Are Indicative Only And May Be Revised Without Prior Information HCL Will Not Be Responsible For Any Damage Arising Out Of Incorrect Application Of Its Product.



Single Core PVC Insulated Copper Conductor

Flexible Wires. 1100 V



Usage : Domestic And Industrial

Nominal Area of Conductor Sq.mm	Number of Dia of Wire mm	Thickness of Insulation (nom.) mm	Approx Overall Diameter mm	In conduit Trunking Amps	UN-enclosed Clipped Directly to a Surface or on Cable Tray Amps	Resistance (max.) Per km @ 20' C ohms	Pkg (no. of 90 Mtrs Coils Per Box)
0.50	16/0.20	0.6	2.20	4	5	39.00	20
0.75	24/0.20	0.6	2.5	7	8	26.00	20
1.0	14/0.30*	0.7	2.7	11	12	18.10	20
1.5	22/0.30*	0.7	3.1	13	16	12.10	20
2.5	36/0.30*	0.8	3.7	18	22	7.41	12
4.0	56/0.30**	0.8	4.1	24	29	4.95	10
6.0	84/0.30**	0.8	4.7	31	37	3.30	1
Current Carrying Capacity. Amps							
10.0	140/0.30	1.0	6.60	51		1.91	1
16.0	226/0.30	1.0	8.00	63		1.21	1
25.0	354/0.30	1.2	10.00	100		0.780	1
35.0	495/0.30	1.2	11.40	120		0.554	1
50.0	703/0.30	1.4	13.70	150		0.386	1

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- Standard Colours : Red, Yellow, Blue, Black, Green, Grey.
- Supplied in 90 mtrs and 45 mtrs (270 mtrs project coils on request) in attractive carton
- Confirm to is - 694 - 1990. ISI licence No. CM/L - 7994312
- *As per Conductor Class 2 of IS:8310/1984
- **As per Conductor Class 5 of IS:8130/1984



PVC Insulated Multicore Flexible

Round Copper Cables. 1100V

As per IS : 694/1990 (650/1100V)

Usage : Industries

Area in Sq.mm	Construct on No./Dia	Con. Dia In mm	Max. DC Resistance Ohm/km	Insulation Thickness Nominal at 20' C	Core Dia mm	Sheath Thickness in mm Nominal	Overall Diameter in mm approx			Current Rating Amps
							2 Core mm	3 Core mm	4 Core mm	
0.50	16/0.20	0.94	39.00	0.60	2.20	0.90	6.2	6.60	7.20	4
0.75	24/0.20	1.20	26.00	0.60	2.50	0.90	6.80	7.20	7.90	7
1.0	14/0.30	1.34	19.50	0.60	2.60	0.90	7.00	7.50	8.10	11
1.5	22/0.30	1.64	13.30	0.60	2.70	0.90	7.60	8.10	9.00	14
2.5	36/0.30	2.08	7.98	0.70	3.50	1.00	9.00	9.60	10.50	19
4.0	56/0.30	2.61	4.95	0.80	4.30	1.00	10.60	11.30	12.40	26
6.0	84/0.30	3.50	3.30	0.80	5.10	1.15	12.60	13.40	15.20	33
10.0	140/0.30	4.60	1.91	1.00	6.60	1.40	16.00	17.00	18.80	45
16.0	226/0.30	6.00	1.21	1.00	8.00	1.40	18.80	20.10	22.20	60
25.0	350/0.30	7.60	0.780	1.20	10.00	2.00	24.00	25.60	28.20	75

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Available in 90 mtrs coils



PRODUCT RANGE

- ▶ 3 Core Flat Submersible Cables
- ▶ Multicore Round Flexible Cables
- ▶ Domestic House Wires
- ▶ Industrial & Panel Wires
- ▶ Aluminum Twin Service Wires
- ▶ Aluminum Un-armoured Round Cables
- ▶ All Types of CORD Wires
- ▶ CCTV Camera Wires
- ▶ PVC Insulated Tape Roll



HIRAMANI CABLE INDUSTRIES

- 📍 B-4, Sarthi Complex, Odhav, Ahmedabad-382415. Guj. (INDIA)
- ☎ Ph.: 079-22900411
- ✉ E.: jainkailash1985@gmail.com | contact@polyguardcables.com
- 🌐 W.: www.polyguardcables.com | www.jainstar cables.com
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