Prime
CABLES
Professional Quality Assured

POWER CORDS CATALOG

Prime CABLES
Professional Quality Assured

2 PIN INDIAN PLUG

Description: Straight plug for Class II Appliances
Standard: IS 1293 : 2019
Rating: 2.5A / 6A, 250V

3 PIN INDIAN PLUG

Description: Angled plug for Class I Appliances
Standard: IS 1293 : 2019
Rating: 6A/10A, 250V

3 PIN INDIAN PLUG

Description: Angled plug for Class I Appliances
Standard: IS 1293 : 2019
Rating: 16A, 250V

NORTH AMERICAN PLUG

Description: NEMA 5-15P Straight Plug for Class I Appliance
Standard: UL498, UL817, CSA Std C22.2
Rating: 10A, 125V

BRITISH / G MARK PLUG

Description: Angled Plug for Class I Appliances
Standard: BS 1363/A
Max. Rating: 13A, 250V

SCHUKO PLUG

Description: Angled Plug with Dual-earthing contacts for Class I Appliances
Standard: IEC 60884-1
Max. Rating: 16A, 250V

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C5 CONNECTOR

Standard: IEC 60320-1 C5
Rated Current: 2.5 / 6A
Rated Voltage: 250V

C7 CONNECTOR

Standard: IEC 60320-1 C7
Rated Current: 2.5 / 6A
Rated Voltage: 250V

C13 CONNECTOR

Standard: IEC 60320-1 C13
Rated Current: 6A / 10A / 16A
Rated Voltage: 250V

C14 CONNECTOR

Standard: IEC 60320-1 C14
Rated Current: 10A / 16A
Rated Voltage: 250V

C15 CONNECTOR

Standard: IEC 60320-1 C15
Rated Current: 10A / 16A
Rated Voltage: 250V

E Bike T CONNECTOR

Rated Current: 10A / 16A
Rated Voltage: 250V

C19 CONNECTOR

Standard: IEC 60320-1 C19
Rated Current: 16A
Rated Voltage: 250V

C 20 CONNECTOR

Standard: IEC 60320-1 C20
Rated Current: 16A
Rated Voltage: 250V

C 21 CONNECTOR

Standard: IEC 60320-1 C21
Rated Current: 16A
Rated Voltage: 250V

Prime

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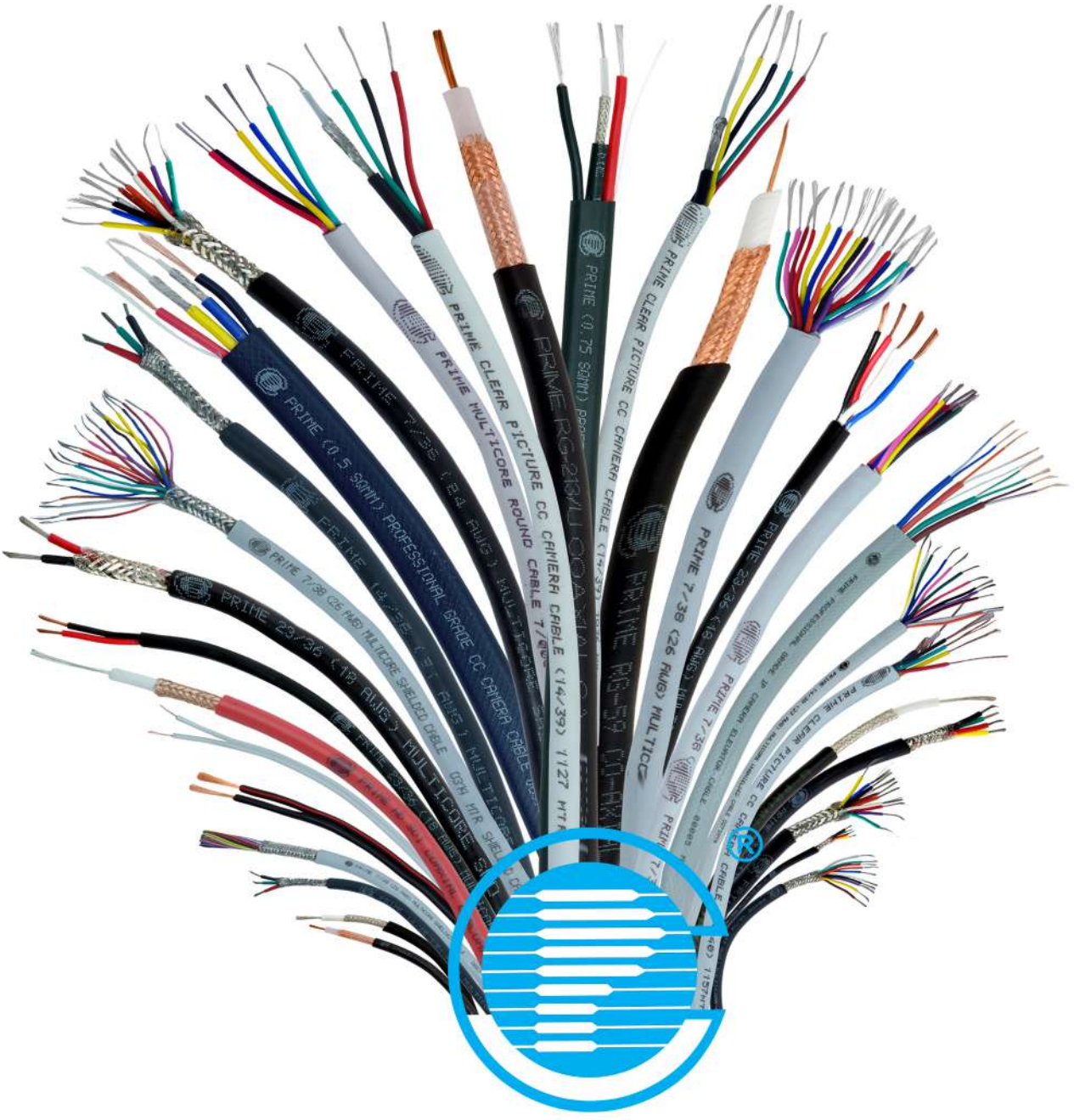
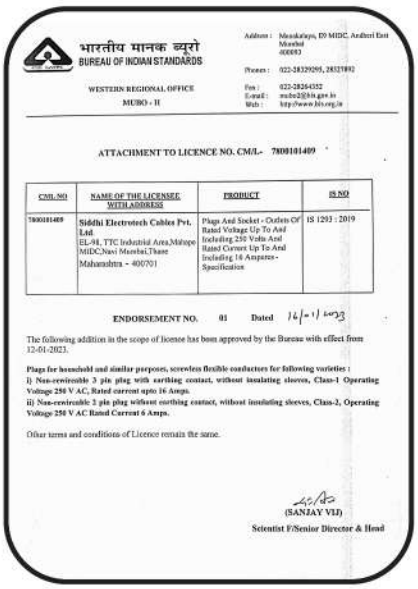


www.siddhicables.com



भारतीय मानक ब्यूरो
BUREAU OF INDIAN STANDARDS

WESTERN REGIONAL OFFICE
MUMBO - H

Manakalaya, E9 MIDC, Andheri East
Mumbai
400093

Phones : 022-28329295, 28327892
Fax : 022-28264352
E-mail : mumbo2@bis.gov.in
Web : http://www.bis.org.in

ATTACHMENT TO LICENCE NO. CM/L- 7800101409

CML NO	NAME OF THE LICENSEE WITH ADDRESS	PRODUCT	IS NO
7800101409	Siddhi Electrotech Cables Pvt. Ltd. EL-98, TTC Industrial Area,Mahape MIDC,Navi Mumbai,Thane Maharashtra - 400701	Plugs And Socket - Outlets Of Rated Voltage Up To And Including 250 Volts And Rated Current Up To And Including 16 Amperes - Specification	IS 1293 : 2019

ENDORSEMENT NO. 01 Dated 16/01/2023

The following addition in the scope of license has been approved by the Bureau with effect from 12-01-2023.

Plugs for household and similar purposes, screwless flexible conductors for following varieties :
i) Non-rewirable 3 pin plug with earthing contact, without insulating sleeves, Class-1 Operating Voltage 250 V AC, Rated current upto 16 Amps.
ii) Non-rewirable 2 pin plug without earthing contact, without insulating sleeves, Class-2, Operating Voltage 250 V AC Rated Current 6 Amps.

Other terms and conditions of Licence remain the same.

(SANJAY VIJ)
Scientist F/Senior Director & Head

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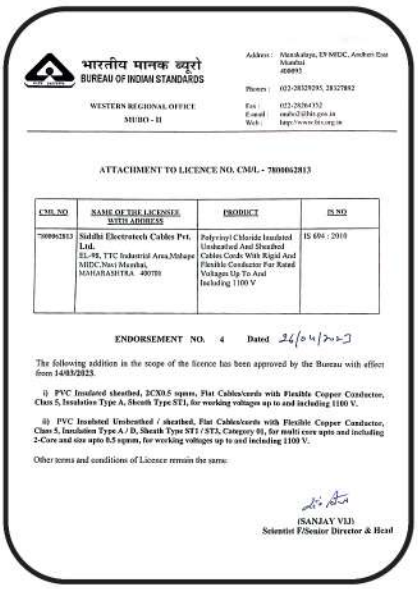

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ATTACHMENT TO LICENCE NO. CM/L - 7800062813

CML NO	NAME OF THE LICENSEE WITH ADDRESS	PRODUCT	IS NO
7800062813	Siddhi Electrotech Cables Pvt. Ltd. EL-98, TTC Industrial Area,Mahape MIDC,Navi Mumbai, MAHARASHTRA 400709	Polyvinyl Chloride Insulated Unsheathed And Sheathed Cables/Cords With Rigid And Flexible Conductor For Rated Voltages Up To And Including 1100 V	IS 694 : 2010

ENDORSEMENT NO. 4 Dated 26/04/2023

The following addition in the scope of the licence has been approved by the Bureau with effect from 14/03/2023.

i) PVC Insulated sheathed, 2CX0.5 sqmm, Flat Cables/cords with Flexible Copper Conductor, Class 5, Insulation Type A, Sheath Type ST1, for working voltages up to and including 1100 V.

ii) PVC Insulated Unsheathed / sheathed, Flat Cables/cords with Flexible Copper Conductor, Class 5, Insulation Type A / D, Sheath Type ST1 / ST3, Category 01, for multi core upto and including 2-Core and size upto 0.5 sqmm, for working voltages up to and including 1100 V.

Other terms and conditions of Licence remain the same.

(SANJAY VIJ)
Scientist F/Senior Director & Head

SHAMKRIS®
Certificate of Compliance

CAB-05

Certificate of Registration

This certificate has been awarded to

Siddhi Electrotech Cables Pvt. Ltd.

EL-98, TTC Industrial Area, M.I.D.C., Mahape, Navi Mumbai, Maharashtra, 400701, India

In recognition of the organisation's Quality Management System which complies with

ISO 9001:2015

The scope of activities covered by this certificate is defined below

Manufacture of Electronics Flexible Cable Wire, Multicore Shielded Cables and Unshielded Cables, Power Cords, Special Cables, CCTV Camera Cables and Speaker Cables

SHAMKRIS®
Certificate of Compliance

CE

Great Ambitions Start With A Small Beginning....

With this belief, we had started our trading unit K. L. Traders, in the heart of electronic market in the year 1987. After studying the market thoroughly and as per our customers' response and the growing demand, we started our manufacturing unit in the year 1999. Since then we have come a long way from Learners to Leaders, with a lot of confidence and determination, to succeed and provide world class quality to our customers.

We manufacture all types of electronic cables namely, **Flexible Wires, Hookup Wires, Shielded Cables, Un-Shielded Cables, Co-Axial Cables, Telephone Wires, CCTV Camera** Cables and all specialized and customized cables.

Our experience and ability, has helped us emerge as consistent market leaders. With a strong distribution network across India, we are capable of delivering almost any quantity anywhere in India & abroad.

We have recently upgraded our manufacturing plant with sophisticated machinery at Mahape, Navi Mumbai. Our highly skilled and experienced engineers work round the clock and truly committed to serve our clients with prompt delivery & best quality.

Our R & D team is always connected with the global market intended to upgrade the products and give improved quality to our esteemed clients.

"THE COST IS LONG FORGOTTEN, BUT THE QUALITY IS REMEMBERED FOREVER"

Quality Policy
We strictly follow the concept of Total Quality Management and have been Certified ISO 9001-2008 certification for our quality system.
Our products are put through IMI, in-process and final strenuous testing procedures in our testing lab which is well equipped with latest testing equipments.

Research & Development
We give immense stress on Research & Development at various levels of dealing and testing. Continuous improvement in the quality of existing products, services and development of new products is a policy matter at our works.
We develop cables to suit the stress & strain of installation conditions at various industries.

Product Packaging
We are capable of meeting the most strict delivery schedules. Meeting the deadline is always the top priority as any delay in the delivery of cable can contribute to overall project delay and cost overrun.
Cable is supplied in wooden reels, corrugated boxes and coils. Cable ends are sealed with BOPP Self-Adhesive tape and non-hygroscopic sealing caps to protect the cable ends from moisture.

Prime Cables shall provide **Accessible**, **Reliable**, **Customized**, services in India through its extensive network and a team of professionals with a strong **WILL TO SERVE**.

It shall be the endeavor of each one of us to achieve planned objectives and targets of the organization in an efficient manner. We will continue to work together and adopt changes that shall help us to improve our systems, practices and business performance.

To this end, we are committed to provide safe, durable and quality services manned by an elite corps of professional people whose mission is to make every service a pleasurable experience.

Flexible Wires

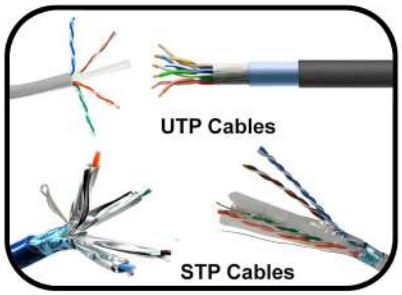
Multistrand Tin Copper Conductors, for better connectivity & insulated with special grade PVC compound, temperature range -20°c to +80°c. Mainly used for internal wiring of electronic circuits, control panels & various type of equipments, appliances.

Sr.No.	No. of Strands SWG	ATC Cond. Size MM	ATC Cond. Size Inches	Current Carrying Capacity (Amps)	Cross sec. area Sq MM	Max. Conductor Resistance at 20° c	Nominal Insulation Thickness MM	Maximum Overall Dia MM (+-2%)
1	7/42	0.102	0.0040	0.3	0.0572	301.57	0.25	0.7
2	7/39	0.132	0.0052	0.5	0.1	202.5	0.35	1.1
3	7/39	0.132	0.0052	0.5	0.1	202.5	0.45	1.3
5	7/38	0.152	0.0060	1	0.13	152.7	0.45	1.35
6	7/37	0.173	0.0068	1.3	0.16	117.9	0.45	1.4
7	7/36	0.193	0.0076	1.6	0.2	94.7	0.45	1.4
9	14/40	0.122	0.0048	1.3	0.16	118.5	0.55	1.8
11	14/38	0.152	0.0060	2	0.25	76.4	0.55	1.75
13	14/36	0.193	0.0076	3	0.41	47.4	0.55	1.8
14	23/38	0.152	0.0060	3.3	0.42	46.5	0.65	2.2
15	23/36	0.193	0.0076	5.3	0.67	28.8	0.65	2.4
16	40/38	0.152	0.0060	7	0.73	26.7	0.85	2.75
17	40/36	0.193	0.0076	12	1.17	16.6	0.85	3

Networking Cables

Ethernet twisted pair cables contain up to eight wires wound together in pairs to minimize electromagnetic interference.

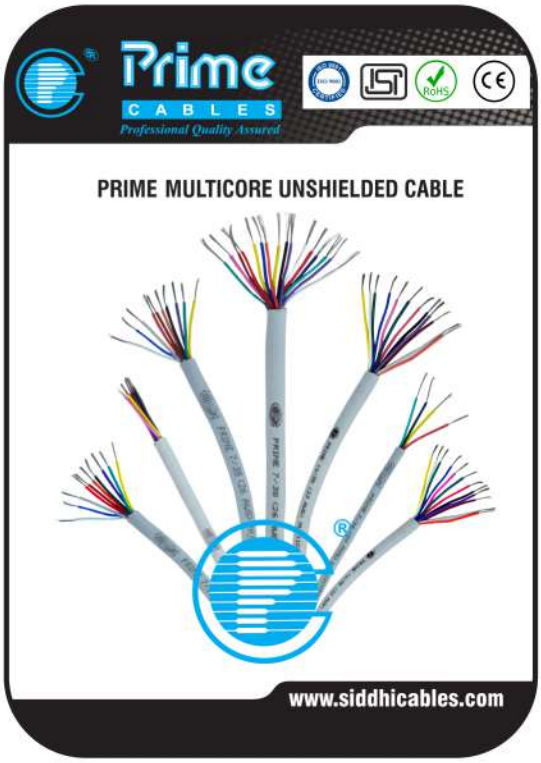
High-Performance data cable, applications include Networking systems, Home automation, CCTV system , structured cabling, and telecom projects.



Multicore Un-Shielded Cables

Multistrand tin Copper Conductors, PVC insulated cores,(2 core to 50 cores) laying together to form a bunch, polyester myler taped & overall PVC Sheathed Cables used for low voltage application, signal & data transmission. We provide marking line on the core for easy installation.

No. of Strands SWG	7/38	7/36	14/38	14/36
Size	26 AWG	24 AWG	23 AWG	21 AWG
Cross sec. area Sq MM	0.127	0.2	0.24	0.41
Max. Conductor Resistance (ohm/km) at 20°c	152.7	94.7	76.4	47.4
No. Of Core			Overall dia. MM	
2	3.2	3.2	5.1	5.3
3	3.7	3.7	5.6	5.7
4	4.6	4.7	6.1	6.0
5	5.1	5.4	6.5	6.8
6	5.2	5.8	5.8	7.2
8	5.5	6.0	6.2	7.5
9	5.9	6.4	7.5	----
10	6.2	6.7	7.8	8.5
12	6.3	7.3	8.5	----
16	7.2	8.8	9.2	----
18	7.5	9.5	9.8	----
20	7.7	10.0	10.5	----
25	8.4	----	----	----
40	10.2	----	----	----
50	11.3	----	----	----



Multicore Ribbon Wires

Multistrand Tin Copper Conductors, insulated with special PVC compound & multicolour cores (2 core to 50 core) bounded together to form flat ribbon cables in different sizes. Used for low voltage power & signal transmission in electronic circuits, instruments & elevators.

CCTV Camera Cables

Multicore construction, 75 Ohms Coaxial for Video signal (Crystal Clear Picture Quality), flexible wire cores for audio signal & 12V power supply, used for CCTV camera & surveillance systems.
We are designing CCTV camera cables as per the clients required combination of audio video wire with other parameters.

Sr.No.	No. of Core	No. of Strands SWG	Cond. Size MM	Overall dia. MM	Cross sec. area Sq MM	Max. Conductor Resistance at 20° c
1	4+1	7/36.	0.193	6.2	0.2048	127
2	3+1	7/36.	0.193	6	0.2048	127
3	6+1	7/36	0.193	6.8	0.2048	127
4	2+1	14/40	0.132	5.4	0.1600	118
5	3+1	14/40	0.132	5.8	0.1600	118
6	4+1	14/40	0.132	6.1	0.1600	118

Co-Axial Cables

Solid Copper center conductor, dielectric of solid Pe or foam Pe, Al.foil shield, bare copper or tin copper braiding 95% coverage & overall PVC sheath, mainly used for transmission of RF signal. The Co-Axial Cables are not only the most used cables but the least expensive one in the market. These cables are very reliable, convenient and have easily maintained way of transferring images in a CCTV system.

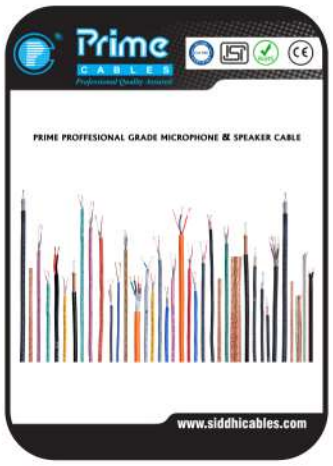
Co-Axial cable is used as a transmission line for digital video signal, in applications such as connecting radio transmitters and receivers with their antennas, computer network (Internet) connections, and distributing cable television signals.

Cable Type	Conductor Size MM	Dia over Dielectric MM	O.D. MM	Impedance (ohms)	Attenuation at 200 MHZ (dB /100 M)	Max R.F. operating voltage Kv	Capacitance PF/Ft
RG - 59 B/U	0.58	3.7	6.1	75	16	2.3 rms	21.1
RG - 59 /U	0.63	3.7	6.2	73	16	2.3 rms	20.6
RG - 6/U	1.04	4.6	7	75	9	2.7 rms	20
RG - 11	1.61	7.1	10.3	75	6	5.0 rms	20.6
RG - 11 A/U	7/0.41	7.25	10.3	75	11	5.0 rms	20.6
RG - 174/U	7/0.16	1.5	2.5	50	40	1.5 rms	30.5
RG - 58/U	0.81	2.95	5	53.5	23	1.9 rms	28.8
RG - 58 C/U	19/0.18	2.95	5.1	50	24	1.9 rms	29.6
RG - 223/U (RG-55 A/U)	0.06	2.95	5.5	50	20	1.9 rms	19.8
RG - 213 /U (RG-8A/U)	7/0.75	7.25	10.3	50	11	5.0 rms	30.8
RG - 214 /U (RG-9B/U)	7/0.75	7.25	10.8	50	11	5.0 rms	30.8

Microphone Cables

Fine gauge soft bare or Tin Copper Conductor, Pe insulated core, twisted to form a pair, cotton thread filler, bare or tin copper braided 90% coverage & overall ultra soft PVC sheathed used for audio signal transmission, stage shows & p.a. equipments.

Sr.No.	No. of Core	No. of Strands SWG	Cond. Size MM	Overall dia. MM	Cross sec. area Sq MM	Max. Conductor Resistance at 20° c
1	1	40/42 ABC	0.102	5.5	0.182	77.66
2	1	40/40 ABC	0.122	5.5	0.4679	36.89
3	1	14/36 ATC	0.193	5.5	0.4098	42.12
4	1	23/36 ATC	0.193	5.5	0.673	28.7
5	1	36/36 ATC	0.193	6	1.122	17.4
6	2	19/42 ABC	0.102	6	0.1553	111.11
7	2	19/40 ABC	0.122	6.1	0.2222	77.66
8	2	14/36 ATC	0.193	6.2	0.4098	42.12
9	2	23/36 ATC	0.193	6.3	0.673	28.7



Speaker Wires

99.97% Pure Copper Conductors bunched together, for dynamic sound performance, insulated with transparent PVC sheath for superb looks & long life. Used for hi-end audio systems, professional audio equipments, p.a. systems & home theatre systems.

Sr.No.	No. of Strands SWG	Cond. Size MM	Overall dia. MM	Cross sec. area Sq MM	Max. Conductor Resistance at 20° c
1	10/42.	0.102	1.8 x 3.6	0.082	236.2
2	14/42	0.102	1.9x 3.8	0.114	168.7
3	14/40	0.122	2x4	0.164	117.9
4	14/38	0.152	2.3 x 4.6	0.2542	67.9
5	23/38	0.152	2.5 x 5	0.4176	41.33
6	23/36	0.193	3 x 6	0.6733	25.64
7	40/36	0.193	3.5 x 7	1.1711	14.74
8	70/36	0.152	4 x 8	2.050	9.42

HDMI Cables

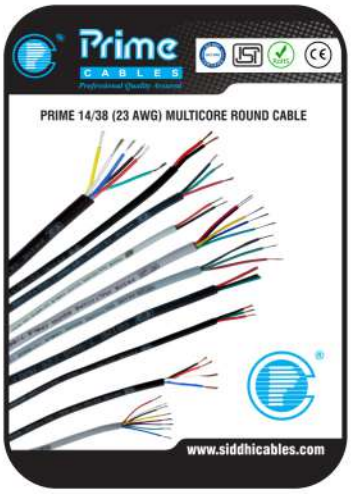
High quality pure copper HDMI cables with gold plated metal connectors, which support 8k @ 60Hz (HDMI V 2.1) & 4K @ 60Hz (HDMI V2.0) along with ethernet & ARC.

Available in various lengths, ranging from 1 Meter up to 100 Meters.

Multicore Round Power Cables

Bare Copper Conductors, insulated with PVC core & overall sheathed round cables, used for ac power supply & industrial applications. Our range is widely acknowledged for its sturdiness, flexibility, crack resistance and shock resistance.

No. of Strands	Cross sec. area Sq mm	Size	Conductor Resistance (ohm/Km) at 20° c	Current Carrying Capacity	No. of Cores 2 C Outer Dia MM	3C Outer Dia MM	4C Outer Dia MM
23/38	0.47	21 Awg	48.4	3.3	5.2	6.2	6.6
23/36	0.67	18 Awg	28.8	5.3	5.4	6.3	7.0
40/38	0.73	18 Awg	26.7	7	6.5	7.4	8.0
40/36	1.17	16 Awg	16.6	12	6.9	7.8	8.2
16/0.2	0.5	20 Awg	38.6	4	5.8	6.2	6.5
24/0.2	0.75	18 Awg	25.7	7	6.3	6.4	7.3
32/0.2	1	17 Awg	19.3	11	6.1	6.6	7.5
48/0.2	1.5	15 Awg	12.9	14	6.8	7.8	8.7
80/0.2	2.5	13 Awg	7.7	19	7.8	8.8	10.5

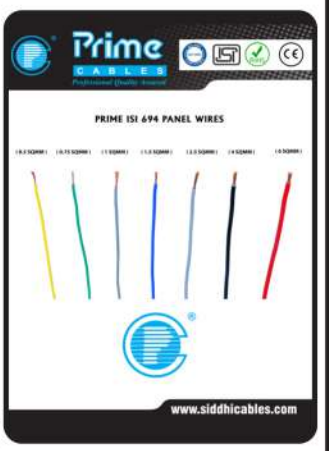


Panel Wires

High conductivity bunch Flexible Copper Conductors as per IS1694 Standards, They are PVC Insulated Copper Conductor single core cables suitable for a Voltage grade of 1100V.

Use of 99.98% pure ETP grade copper ensures lower resistance and thus lower heat losses. RoHS PVC compounds are safer for human lives, and reduce the carbon footprint. The construction of this wires has been specially designed to ensure optimum use of the Copper properties at the same time ensuring C.R. values remain within the defined limits.

Sr.No.	No. of Strands SWG	ATC Cond. Size MM	ATC Cond. Size Inches	Current Carrying Capacity (Amps)	Cross sec. area Sq MM	Max. Conductor Resistance at 20° c	Nominal Insulation Thickness MM	Maximum Overall Dia MM (+-2%)
1	16/0.2	0.203	0.0080	4	0.5	38.6	0.55	2.1
2	24/0.2	0.203	0.0080	7	0.75	25.7	0.55	2.3
3	32/0.2	0.203	0.0080	11	1	19.3	0.7	2.7
4	30/0.25	0.203	0.0080	14	1.5	12.9	0.7	3
5	50/0.25	0.203	0.0080	19	2.5	7.7	1	4
6	56/0.3	0.203	0.0080	26	4	4.8	1	6



LiYY/LiYCY Cables

LiYY/LiYCY is a Multi-Conductor Cable for data transmissions , signal, and control applications. It is designed for general purpose installations of electronic control equipments & weighing scales.
LiYCY has a Tinned Copper braid for RFI & EMI protection.
LiYCY (TP) is an Overall-Shielded Multi-Paired version for data, communication, and signal applications.