

deepcab[®]

Wires & Cables



28+ Years

business legacy

800+ SKUs

across industry segments

2 Million+

(20 Lac) meters of
ready stock



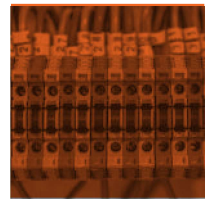
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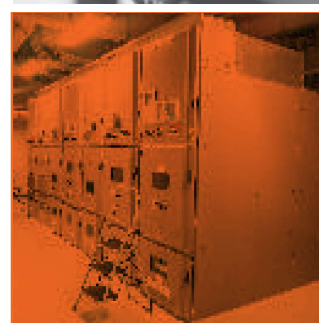
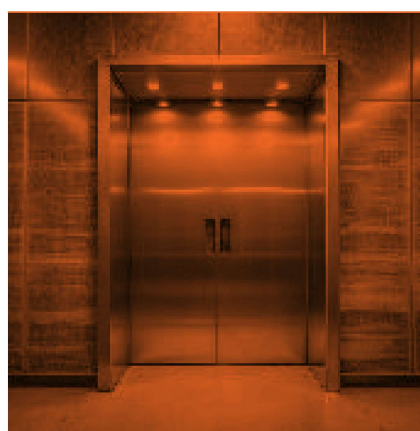
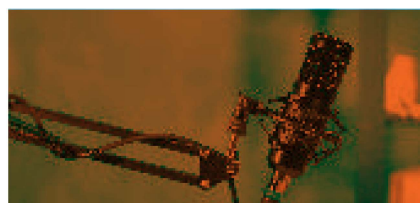
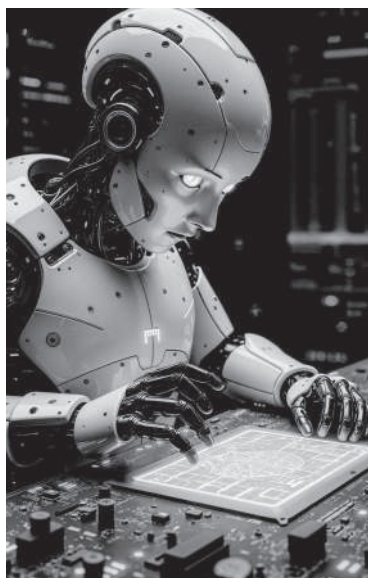
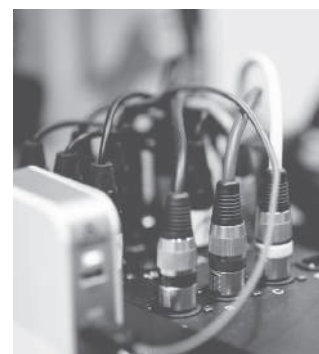
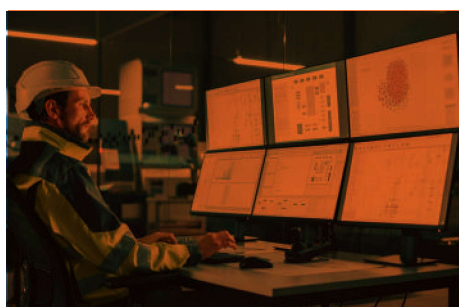
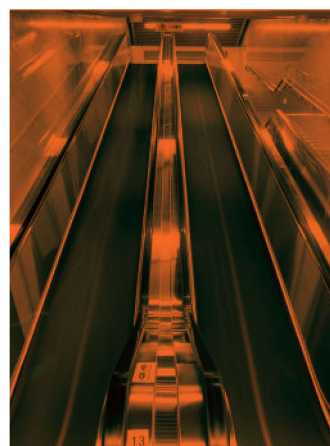
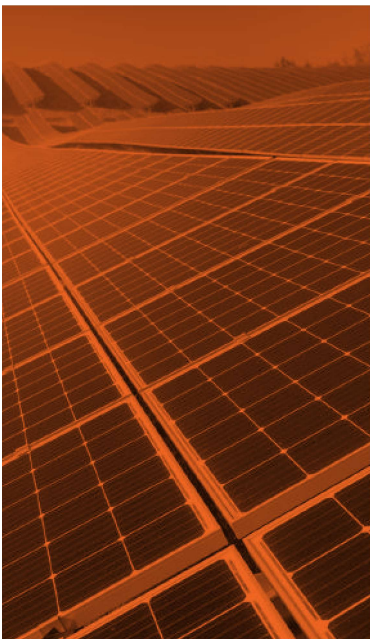
Our purpose is to power connections that drive progress by delivering high-performance, reliable solutions engineered in India and trusted for supporting industries, infrastructure, and innovation globally.

Vision & Mission

To become the globally trusted partner for future-focused businesses delivering scalable, engineered solutions that enable progress across industries, infrastructure, and next-generation projects.

Powering success through dependable solutions and seamless service helping manufacturers, project developers, and distribution networks minimize downtime, optimize operations, and scale confidently.





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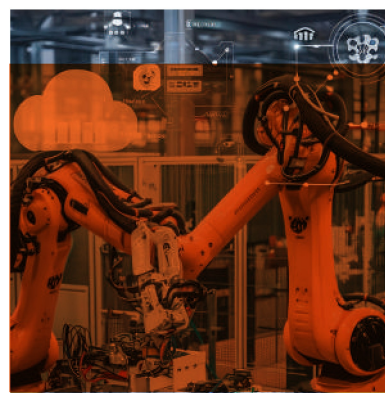


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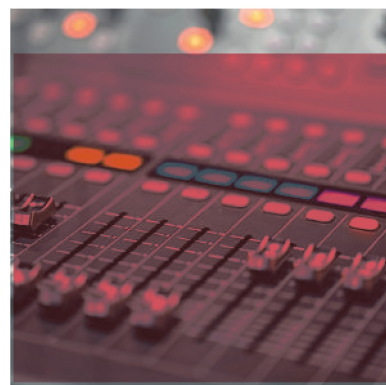
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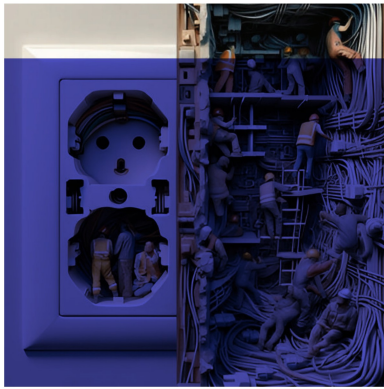
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Control Cables



<dc> deepcab Round Multicore Cable



Features

- Cable for low frequency transmission.
- Fine high quality copper strands of small cross section provide better reliable data transmission.
- Overall Mylar tape wrapping over cores improving Dielectric strength of the cable.
- High flexibility and low bending radius by using special PVC compound.

Application

- Machines & plant engineering construction.
- Electronic devices and computer systems.
- Measurement, control & instrumentation devices.
- Security & surveillance systems.

Construction

- Fine conductor strands of ATC - Annealed Tinned Copper / ABC - Annealed Bare Copper.
- PVC based core insulation.
- Cores laid up in layers with overall Mylar tape wrapping.
- Sheathing of special PVC based compound.

Technical Data

 **Mutual Capacitance :**
C/C Maxi. 200 pf/m

 **Inductance Max :**
Approx 1.25 mH/ km

 **Insulation Resistance :**
> 20 MOhm x Km

 **Conductor Resistance :**
As per conductor resistance chart

 **In Accordance to :**
IS:694
EN 50288

 **Core Identification :**
As per colour code chart

 **Test Voltage :**
AC 1100 V

 **Rated Voltage :**
250 V

 **Temperature Range :**
Static -15 C to +70 C

ATC Round Multicore Cable	
Number of cores (No.)	Overall Dia (App.) (mm)
7/38 SWG (0.125 sq mm - 26 AWG)	
2	3.3
3	3.7
4	4.2
5	4.4
6	5.0
8	5.7
10	6.1
12	6.5
16	7.3
20	8.0
25	8.8
40	10.9
50	11.8

ATC Round Multicore Cable	
Number of cores (No.)	Overall Dia (App.) (mm)
14/38 SWG (0.25 sq mm - 23 AWG)	
2	4.0
3	4.2
4	5.2
5	5.6
6	5.7
8	6.5
10	6.9
12	7.9
16	8.4
20	9.5
25	10.8
40	11.5
50	13.4

*The number and diameter of conductor strands are for reference only.
The above data is indicative and may be revised without prior intimation.

Communication Cable

Audio-Video Cable

Flexible Power Cable

Armoured Power Cable

Application Based Specialty Cable

Cord & Connector

<dc> deepcab Round Multicore Cable

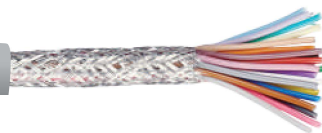


ABC Round Multicore Cable	
Number of cores (No.)	Overall Dia (App.) (mm)
16/0.2 (0.5 sq mm - 20 AWG)	
2	5.7
3	6.0
4	6.4
6	7.3
8	8.1
10	8.7
12	9.7
16	11.2
20	12.6
24	14.0
24/0.2 (0.75 sq mm - 18 AWG)	
2	6.2
3	6.4
4	7.5
6	8.3
8	9.1
10	10.6
12	10.9
16	12.3
20	13.5
24	15.2
14/0.3 (1 sq mm - 17 AWG)	
2	6.7
3	6.9
4	7.6
6	9.3
8	10.8
10	11.0
12	11.6
16	13.2
20	14.6
24	16.4

ABC Round Multicore Cable	
Number of cores (No.)	Overall Dia (App.) (mm)
22/0.3 (1.5 sq mm - 16 AWG)	
2	7.1
3	7.5
4	8.3
6	10.7
8	11.0
10	12.6
12	13.5
16	14.6
20	16.2
24	18.2
36/0.3 (2.5 sq mm - 14 AWG)	
2	8.5
3	8.8
4	10.1
6	12.2
8	13.2
10	15.4
12	15.9
16	17.8
20	19.8
24	22.2

*The number and diameter of conductor strands are for reference only.
The above data is indicative and may be revised without prior intimation.

<dc> deepcab Braided Multicore Cable



Features

- Fine high quality copper strands of small cross section provide better reliable data transmission.
- Protection from external electromagnetic field ensuring excellent data transmission reliability.
- High coverage of copper screen braiding.
- High flexibility and low bending radius by using special PVC compound

Application

- Control and signal cable in special purpose machines and measurement equipments.
- Electronics and computer systems.
- Data transmission and instrumentation applications.
- Useful in the milliampere range applications for computer systems, electronic control equipments, office machines, scales and wherever thin and precise transmission is required.

Construction

- Fine conductor strands of ATC - Annealed Tinned Copper / ABC - Annealed Bare Copper.
- PVC based core insulation.
- Cores laid up in layers with overall Mylar tape wrapping. Additional Aluminium tape 0.5 sq mm onwards for enhanced EMI protection.
- Screen braid of ATC - Annealed Tinned Copper.
- Sheathing of special PVC based compound.

Technical Data



Mutual Capacitance :
C/C Maxi. 200 pf/m
C/S Maxi. 400 pf/m



Inductance Max :
Approx 1.25 mH/ km



Insulation Resistance :
> 25 MOhm x Km



Conductor Resistance :
As per conductor resistance chart



In Accordance to :
VDE 0812
EN 50288



Core Identification :
As per colour code chart



Test Voltage :
AC 1100 V



Rated Voltage :
250 V



Temperature Range :
Static -15 C to +70 C

ATC Braided Multicore Cable	
Number of Cores (No.)	Approx overall Dia (mm)
7/38 SWG (0.125 sq mm - 26 AWG)	
2	3.5
3	3.9
4	4.6
5	4.9
6	5.5
8	6.0
10	6.6
12	7.1
16	7.7
20	8.8
25	9.2
40	11.3
50	13.0

ATC Braided Multicore Cable	
Number of Cores (No.)	Approx overall Dia (mm)
14/38 SWG (0.25 sq mm - 23 AWG)	
2	4.5
3	4.8
4	5.6
5	6.0
6	6.4
8	7.3
10	8.0
12	8.3
16	8.7
20	9.6
25	11.2
40	12.2
50	14.0

*The number and diameter of conductor strands are for reference only.
The above data is indicative and may be revised without prior intimation.

<dc> deepcab Braided Multicore Cable

ATC Braided Multicore Cable	
Number of cores (No.)	Overall Dia (App.) (mm)
16/0.2 (0.5 sq mm - 20 AWG)	
2	6.0
3	6.5
4	7.0
6	8.0
8	8.9
10	10.0
12	10.7
16	13.0
20	13.5
24	15.5
24/0.2 (0.75 sq mm - 18 AWG)	
2	6.5
3	7.0
4	7.5
6	9.3
8	10.0
10	11.4
12	12.0
16	14.0
20	15.8
24	16.5
32/0.2 mm (1 sq mm - 17 AWG)	
2	7.0
3	7.4
4	8.3
6	9.5
8	10.5
10	11.5
12	12.6
16	14.5
20	15.5
24	16.2
48/0.2 mm (1.5 sq mm - 16 AWG)	
2	7.5
3	8.2
4	8.9
6	11.0
8	12.3
10	13.5
12	14.0
16	17.0
20	19.0
24	21.0

ABC Braided Multicore Cable	
Number of cores (No.)	Overall Dia (App.) (mm)
36/0.3 mm (2.5 sq mm - 14 AWG)	
2	9.1
3	9.7
4	11.2
6	13.0
8	14.0
10	16.0
12	18.0
16	21.0
20	22.4
24	24.0
56/0.3 mm (4.0 sq mm - 12 AWG)	
2	10.5
3	11.1
4	14.2
84/0.3 mm (6.0 sq mm - 10 AWG)	
2	13.8
3	14.5
4	15.4
140/0.3 mm (10.0 sq mm - 8 AWG)	
2	16.5
3	17.5
4	18.2
224/0.3 mm (16.0 sq mm - 6 AWG)	
2	20.1
3	21.9
4	24.6
350/0.3 mm (25.0 sq mm - 6 AWG)	
2	24.9
3	26.7
4	30.0
490/0.3 mm (35.0 sq mm - 6 AWG)	
2	27.5
3	29.5
4	33.1

*The number and diameter of conductor strands are for reference only.
The above data is indicative and may be revised without prior intimation.

Single Core Hookup Wire

<dc> deepcab Hookup Wire



Features

- Reliable for low voltage applications.
- High flexibility and low bending radius by using special PVC compound.

Application

- Internal wiring of computers and data processing equipments.
- Control panels, meters and low voltage appliances.

Construction

- Solid conductor of ATC - Annealed Tinned Copper.
- Insulation of special PVC based compound.

Number / Dia of Conductor Strands (Nom.)	Dia of Conductor Strands (Nom.)	Overall Diameter (Nom.)	Current Rating AC
(No. / SWG)	(inch)	(mm)	(Ampere)
1/31	0.0116	0.60	0.3
1/28	0.0148	1.10	1.5
1/26	0.0180	1.35	1.7
1/23	0.0240	1.70	2.5

*The number and diameter of conductor strands are for reference only.
The above data is indicative and may be revised without prior intimation.

Single Core Flexible Wire

<dc> deepcab Flexible Wire



Features

- Fine high quality copper strands provide reliable transmission.
- High flexibility and low bending radius by using special PVC compound.

Application

- Wealth applications like PCB connections and inter-connection circuits.
- Harness fabrication & automotives.

Construction

- Fine conductor strands of ATC - Annealed Tinned Copper.
- Insulation of special PVC based compound.

Premium			
Number / Dia of Conductor Strands (Nom.)	Dia of Conductor Strands (Nom.)	Overall Diameter (Nom.)	Current Rating AC
(No. / SWG)	(inch)	(mm)	(Ampere)
7/42	0.0040	0.80	0.25
7/38	0.0060	1.40	1.0
7/36	0.0076	1.45	1.5
14/38	0.0060	1.70	2.0
14/36	0.0076	1.90	3.0
23/38	0.0060	2.20	4.0
23/36	0.0076	2.45	6.0
40/38	0.0060	2.80	8.0

*The number and diameter of conductor strands are for reference only.
The above data is indicative and may be revised without prior intimation.

Standard			
Number / Dia of Conductor Strands (Nom.)	Dia of Conductor Strands (Nom.)	Overall Diameter (Nom.)	Current Rating AC
(No. / SWG)	(inch)	(mm)	(Ampere)
7/39	0.0052	1.40	0.5
14/39	0.0052	1.70	1.5
23/39	0.0052	2.30	2.5



Features

- High conductivity using fine copper strands.
- Twisted pairs to negate signal interference.
- High flexibility and low bending radius by using special PVC compound.

Application

- Audio signal wiring in home and professional sound systems.
- Interconnection cables for electronic devices and control panels.
- Flexible wiring in automotive and industrial equipment.

Construction

- Fine conductor strands of ATC - Annealed Tinned Copper.
- Insulation of special PVC based compound.
- Two round cores twisted together to form a pair.

Number / Dia of Conductor Strands (Nom.) (No. / SWG)	Dia of Conductor Strands (Nom.) (inch)	Overall Diameter (Nom.) (mm)	Current Rating AC (Ampere)
14/40	0.0048	2 x 0.8	1.0
23/40	0.0048	2 x 1.0	2.0
40/40	0.0048	2 x 1.2	4.0

*The number and diameter of conductor strands are for reference only.
The above data is indicative and may be revised without prior intimation.



Features

- Lightweight and flexible, allowing for use in tight spaces.
- High flexibility and low bending radius by using special PVC compound.

Application

- Internal wiring of computers and data processing equipments.
- Harness fabrication & automotives.

Construction

- Fine conductor strands of ATC - Annealed Tinned Copper.
- Insulation of special PVC based compound.

Technical Data

 **Mutual Capacitance :**
C/C Maxi. 50 pf/m

 **Conductor Resistance :**
See Chart Deepcab Flexible wire

 **Test Voltage :**
AC 1100 V

 **In Accordance to :**
IS:694
EN 50288

 **Rated voltage :**
250 V

 **Insulation Resistance :**
> 20 MΩm x Km

 **Core Identification :**
As per colour code chart
as per dc deepcab colour code chart

 **Temperature Range :**
Static -15 C to +70 C

No. of Strands / Size (No. / SWG)	Dia of Conductor Strands (Nom.) (inch)	Dia of Conductor Strands (Nom.) (mm)	Overall Diameter (Nom.) (mm)	Current Rating AC (Ampere)
7/40	0.0048	0.122	1.20	0.25
7/38	0.0060	0.152	1.30	1.0
7/36	0.0076	0.193	1.35	1.5
14/38	0.0060	0.152	1.80	2.0
14/36	0.0076	0.193	1.90	3.0

*The number and diameter of conductor strands are for reference only.
The above data is indicative and may be revised without prior intimation.

Communication Cable



<dc> deepcab Co-Axial Cable

Features

- Braided shielding to protect signal from external interference.
- Resistant from Water & internal Corrosion.
- High flexibility and low bending radius by using special PVC compound.

Application

- Transmission of RF signals.
- Power for voice, data & video applications.
- CATV, DTH & Broadband

Construction

- Solid conductor of ABC - Annealed Bare Copper.
- LDPE insulation with alloy wire braiding.
- Sheathing of special PVC based compound.

Type	Characteristic Impedance	Capacitance	Attenuation at 200 MHz		Inner Conductor	Dielectric Insulation	Overall
	(Ohm)	(pF/m)	(db/100 ft)	(db/100 m)	Dia. (mm)	Dia.(mm)	Dia. (mm)
RG-58 C/U	50 ± 2	105	11.5	37.9	0.78(ft)	2.70 (2Y)	4.95 (Y)
RG-174 A/U	50 ± 2	105	11.0	37.2	0.48(ft)	1.50 (2Y)	2.80 (Y)
RG-213 /U	50 ± 2	101	3.3	10.8	2.26(fb)	7.25 (2Y)	10.30 (Y)
RG-11 A/U	75 ± 3	68	1.8	5.8	1.63 (sb)	7.50 (2Y)	10.5 (Y)
RG-59 B/U	75 ± 3	68	3.8	12.5	0.71(st)	3.40 (2Y)	6.0 (Y)

Conductor Specification: s: solid conductor, f: flexible/stranded conductor, b: bare copper, t: tin plated, v: silver plated

Insulation Specification: Y: PVC, YY: Double PVC sheathing, 2Y: PE-Solid insulation, 3Y: PE-Air spaced insulation

(Dielectric/ Sheath): 5Y: fluorine polymere PTEF, 6Y: fluorine polymere FEP

*The number and diameter of conductor strands are for reference only.
The above data is only indicative and may be revised without prior intimation.

CCTV Cables

<dc> deepcab CCTV Cable

Features

- Combination of power supply & communication.
- Braided shielding to prevent distortion.
- Highly flexibility and low bending radius by using special PVC compound.

Application

- Power supply and communication signals for CCTV cameras.
- Transmission of complete video frequency range with minimum attenuation.

Construction

- Solid conductor of ABC - Annealed Bare Copper.
- 1 Coaxial core insulated with Polyethylene, braided and sheathed with PVC. Rest cores insulated with PVC.
- Sheathing of special PVC based compound.

Coaxial Cores		PVC Cores	
Number of cores	Dia of Conductor Strands (Nom.)	Number of cores	Size of strand
(No.)	(SWG / mm)	(No.)	(SWG / mm)
1	14/52	3	14/52
1	0.71mm	3	14/52
1	0.71mm	3	14/40

*The number and diameter of conductor strands are for reference only.
The above data is indicative and may be revised without prior intimation.

<dc> deepcab Telephone Cable



Features

- Manufactured with solid annealed copper conductors for reliable signal transmission.
- Twisted pairs minimize cross-talk, ensuring clear communication in high-rise buildings, offices, and residential complexes.
- High flexibility and low bending radius by using special PVC compound.

Application

- Appropriate for environments requiring reliable voice and data communication.
- Designed for switchboard connections and telecommunication networks.
- Ideal for internal telephone wiring in high-rise buildings, offices, factories, and hotels.

Construction

- Solid conductor strand of ATC - Annealed Tinned Copper / ABC - Annealed Bare Copper.
- Twisted pairs of high quality Polyethylene based insulation and a nylon rip cord.
- Sheathing of special PVC based compound.

Technical Data

 **Mutual Capacitance :**
Max 50 nf/km

 **Capacitance Unbalance (Pr – Pr) :**
Approx 250pf/ km

 **Insulation Resistance :**
> 50 MOhm x Km

 **Conductor Resistance :**
As per conductor resistance chart  **In Accordance to :**
ITD specifications S/WS 113C

 **Core Identification :**
White-Blue, White-Orange, White-Green, White Brown, White-Grey, Red-Blue, Red-Orange, Red Green, Red-Brown, Red-Grey, Black-Blue, Black Orange, Black-Green, Black-Brown, Black-Grey, Yellow-Blue, Yellow-Orange, Yellow-Green, Yellow Brown, Yellow-Grey

 **Test Voltage :**
AC 1100 V

 **Rated voltage :**
250 V

 **Temperature Range :**
Static -15 C to +70 C

Number / Dia of Conductor Strands (Nom.)	No. of Pairs
(No. / mm)	(No.)
1/0.5	1
1/0.5	2
1/0.5	3
1/0.5	4
1/0.5	5
1/0.5	10
1/0.5	20
1/0.5	25
1/0.5	50
1/0.5	100

*The number and diameter of conductor strands are for reference only.
The above data is indicative and may be revised without prior intimation.

Features

- Excellent transmission over twisted pairs.
- Central separator spline reduces crosstalk for improved data integrity.
- Supports gigabit ethernet speeds for seamless, lag-free connectivity.

Application

- Networking – Modems, Switches, Routers, Servers & other network equipments.
- Data Centers and Building backbones – Data transmission and reliable inter-floor connectivity.
- Powers smart home technologies and multimedia applications, facilitating seamless wireless coverage and high-definition audio-video streaming.

Construction

- Solid (generally) / Fine conductor strands of ABC – Annealed Bare Copper.
- 2 / 4 (generally) twisted pairs of high quality Polyethylene based insulation separated with a spline.
- Sheathing of PVC (generally) / Polyethylene based compound.

Technical Data

 **Mutual Capacitance :**
C/C Maxi. 5.1 nf/100m

 **DC resistance :**
9.3 Ohm/100m

 **Dielectric Strength :**
1/1 DC kV/min

 **Capacitance Unbalance (Pr – Gr) :**
Maxi. 330 pF/100m

 **In Accordance to :**
ISO/IEC 11801
ANSI/TIA-568

 **Insulation Resistance :**
> 500 MOhm/100m

	Core Identification :	
	Wire 1	Wire 2
Pair 1	White - Orange Stripe	Orange
Pair 2	White - Green Stripe	Green
Pair 3	White - Blue Stripe	Blue
Pair 4	White - Brown Stripe	Brown

 **Attenuation :**
5.3 dB/100m @ 8 MHz

CAT 6 - UTP Indoor Cable

→ Outer sheathing of special PVC compound

<dc> deepcab CAT 6 U/UTP 4 Pair Cable

CAT 6 - UTP Outdoor Cable

→ Outer sheathing of LDPE to provide ruggedness for exterior usecase

<dc> deepcab CAT 6 F/UTP 4 Pair Cable

CAT 6 - SFTP Cable

→ Outer sheathing of special PVC compound. → Alloy braiding with Aluminium tape & ATC drain.

<dc> deepcab CAT 6 SF/UTP 4 Pair Cable

Item/Properties	ATC Drain	Overall		Individual Pair	
		Braiding	Foiling	Braiding	Foiling
U / UTP	☐	☐	☐	☐	☐
F / UTP	☒	☐	☒	☐	☐
S / UTP	☒	☒	☐	☐	☐
F / FTP	☒	☐	☒	☐	☒
S / FTP	☒	☒	☐	☐	☒
S / STP	☒	☒	☐	☒	☐
SF/ UTP	☒	☒	☒	☐	☐
SF/ FTP	☒	☒	☒	☐	☒
SF/SFTP	☒	☒	☒	☒	☒

*The number and diameter of conductor strands are for reference only.
The above data is indicative and may be revised without prior intimation.

Audio-Video Cable

<dc> deepcab Microphone Cable

Features

- Clear signal transmission using high-purity copper conductor.
- Optimized capacitance and noise rejection via balanced twisted pair design.
- Low interference pickup with overall spiral or braided shielding.
- High flexibility and low bending radius by using special PVC compound.

Application

- Microphone wiring in studios and live stage environments.
- Audio signal transfer for mixers and recording equipment.
- AV installations in halls, houses of worship, and events.
- Broadcast and content creation setups.

Construction

- Fine conductor strands of ATC - Annealed Tinned Copper / ABC - Annealed Bare Copper.
- Polyethylene based core insulation. Cores covered in cotton yarn.
- Screen braiding/lapping of ABC - Annealed Bare Copper.
- Sheathing of special PVC based compound.

Technical Data



Conductor Resistance :
As per conductor resistance chart



In Accordance to :
VDE 0812



Core Identification :
As per colour code chart



Test Voltage :
AC 1100 V



Rated voltage :
250 V



Static -15 C to +70 C

Variant Name	Number / Dia of Conductor Strands (Nom.)	Core Conductors Type	No. of Cores	Screening Type	Screening Coverage	Approx overall Dia
(Type)	(No./SWG)	(Type)	(No.)	(Type)	(%)	(mm)
Premium	50/40	ABC - ABC	2	Braiding	100	6.3
Premium	19/40	ABC - ABC	2	Braiding	100	6.1
Deluxe	19/40	ABC - ABC	2	Braiding	90	6.1
Ultra	19/40	ABC - ABC	2	Braiding	80	6.1
Superior	19/40	ABC - ABC	2	Braiding	70	6.1
Premium	14/36	ATC - ATC	2	Braiding	100	6.2

Slim Microphone Cable

<dc> deepcab Microphone Cable

Premium	20/40 (20/0.10mm)	ABC - ATC	2	Shielding	100	4.6
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Lapping Microphone Cable

<dc> deepcab Microphone Cable

Premium	19/40	ATC - ATC	2	Lapping	100	6.1
Premium	20/40	ATC - ATC	2	Lapping	100	3.5
Premium	25/40	ATC - ATC	2	Lapping	100	6.2

*The number and diameter of conductor strands are for reference only.
The above data is indicative and may be revised without prior intimation.

<dc> deepcab Flexible Speaker Cable

Features

- Efficient audio signal delivery using high-conductivity copper strands.
- Clear sound reproduction with consistent conductor insulation thickness.
- Reliable performance with minimal signal drop across long lengths.
- High flexibility and low bending radius by using special PVC compound.

Application

- Loudspeaker connections in public address and audio systems.
- Studio, club, and auditorium speaker wiring.
- Home theater speaker installations.
- General-purpose sound system cabling.

Construction

- Fine conductor strands of ABC - Annealed Bare Copper.
- PVC based core insulation.
- Fiber for improved strength & flexibility.
- Sheathing of special PVC based compound.

Technical Data



Conductor Resistance :
As per conductor resistance chart



In Accordance to :
IS: 694



Core Identification :
As per colour code chart



Test Voltage :
AC 1100 V



Rated voltage :
250 V



Temperature Range :
Static -15 C to +70 C

Number / Dia of Conductor Strands (Nom.)	No. of Cores (No.)	Approx overall Dia
(No. / SWG)	(mm)	(mm)
40/0048	2	6.5
70/0048	2	7.9
100/0048	2	7.4
100/0048	4	9.3
100/0048	8	11.8
150/0048	2	9.0
150/0048	4	10.7
200/0048	2	9.2
200/0048	4	10.8
200/0048	8	14.7

*The number and diameter of conductor strands are for reference only.
The above data is indicative and may be revised without prior intimation.

Twisted Pair ATC Speaker Cable

<dc> deepcab Twisted Pair Speaker Cable

→ Fine conductor strands of ATC - Annealed Tinned Copper with cores twisted in pairs for reduced cross talk.

Dia of Conductor Strands (Nom.)	No. of Cores	Approx overall Dia
(AWG)	(No.)	(mm)
14	2	8
16	2	6
18	2	5

*The number and diameter of conductor strands are for reference only.
The above data is indicative and may be revised without prior intimation.

<dc> deepcab Twin Parallel Speaker Cable

Features

- Superior electrical conductivity using high purity copper.
- Dual-core parallel conductor design for balanced signal transmission.
- Colour stripe on insulation for easy polarity identification.
- Flexible design enabling easy installation in confined spaces.

Application

- Home audio and home theater speaker connections.
- Professional sound reinforcement systems.
- Fixed installation in commercial sound environments.
- Multi-room and distributed audio setups.

Construction

- Fine conductor strands of ABC - Annealed Bare Copper.
- PVC based core insulation.
- Two round cores arranged parallelly in a flat configuration.
- One core marked with coloured stripe along the length.

Technical Data

 **Conductor Resistance :**
As per conductor resistance chart

 **Core Identification :**
As per colour code chart

 **Test Voltage :**
AC 1100 V

 **Rated voltage :**
250 V

 **Temperature Range :**
Static -15 C to +70 C

Number / Dia of Conductor Strands (Nom.)
(No. / inch)
14/0.0040
14/0.0060
23/0.0060

Number / Dia of Conductor Strands (Nom.)
(No. / inch)
14/0.0076
23/0.0076
40/0.0076

*The number and diameter of conductor strands are for reference only.
The above data is indicative and may be revised without prior intimation.

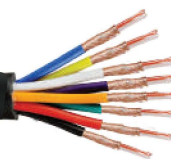
Twin Parallel Transparent Speaker Cable

Number / Dia of Conductor Strands (Nom.)
(No. / inch)
14/0.0060
14/0.0076
23/0.0060
23/0.0076

Number / Dia of Conductor Strands (Nom.)
(No. / inch)
40/0.0060
40/0.0076
70/0.0060
70/0.0076

*The number and diameter of conductor strands are for reference only.
The above data is indicative and may be revised without prior intimation.

<dc> deepcab Microphone Cable



Features

- High conductivity using fine quality copper strands.
- Minimized electromagnetic interference using robust screen lapping.
- Enhanced tensile strength with reinforced fiber.
- High flexibility and low bending radius by using special PVC compound.

Application

- Multi-channel audio signal transmission in live sound and recording studios.
- Stage and concert PA system cabling.
- Professional audio installations in theaters and auditoriums.
- Portable audio setups requiring durable, flexible multi-core cable solutions.

Construction

- Fine conductor strands of ABC - Annealed Bare Copper.
- Polyethylene based core insulation with Mylar tape wrapping.
- Screen Lapping of ABC - Annealed Bare Copper and PVC based inner sheathing.
- Fiber for improved strength & flexibility with outer sheathing of special PVC based compound

Technical Data



Conductor Resistance :
As per conductor resistance chart



In Accordance to :
VDE 0812



Core Identification :
As per colour code chart



Test Voltage :
AC 1100 V



Rated voltage :
250 V

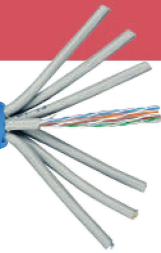


Temperature Range :
Static -15 C to +70 C

Number / Dia of Conductor Strands (Nom.)	No. of Channels	Screening Coverage	Approx overall Dia
(No. / SWG)	(No.)	(%)	(mm)
19/40	4	100	11.2
19/40	8	100	15.1
19/40	12	100	17.2
19/40	16	100	21.5
19/40	24	100	23.5
19/40	32	100	27.4

*The number and diameter of conductor strands are for reference only.
The above data is indicative and may be revised without prior intimation.

<dc> deepcab Catsnake Cable



Features

- Excellent transmission over twisted pairs.
- Central separator spline reduces crosstalk for improved audio integrity.
- Rugged construction suitable for demanding stage and studio environments.

Application

- Perfect for live sound and stage setups requiring multi-channel audio connections.
- Suitable for broadcast and studio environments for clear audio, video, or data routing.
- Ideal for theatrical, conference, and event installations where organized, durable cabling is essential.

Construction

- Solid (generally) / Fine conductor strands of ABC - Annealed Bare Copper.
- Four twisted pairs of high quality Polyethylene insulation separated with a spline and PVC based inner sheath forming a channel.
- Multiple channels laid up in layers with overall Mylar tape wrapping and outer sheathing of special PVC based compound.

Technical Data



Dielectric Strength :
1/1 DC kV/min



Rated voltage :
300 V RMS



Core Identification :

	Wire 1	Wire 2
Pair 1	White - Orange Stripe	Orange
Pair 2	White - Green Stripe	Blue
Pair 3	White - Blue Stripe	Green
Pair 4	White - Brown Stripe	Brown

No. of Channels	Approx overall Dia
(No.)	(No.)
4	17
7	20
8	23
12	27

*The number and diameter of conductor strands are for reference only.
The above data is indicative and may be revised without prior intimation.

Flexible Power Cables



<dc> deepcab Multistrand Wire

Features

- High quality copper conductors for efficient power transmission and energy saving.
- High Fire Retardancy (Making it a very safe product).
- Low Emission of Toxic Gases (A highly safe product in Fire situations).

Application

- Multistrand – House Wires are mainly used for wiring domestic and commercial structures.
- Concealed wiring.
- Installation in lighting, fittings and appliances upto 1100 V (AC)

Construction

- Fine conductor strands of ABC - Annealed Bare Copper.
- PVC based core insulation.
- Insulation of special PVC based compound.

Technical Data



Rated voltage :
1100 V



In Accordance to :
IS:694



Temperature Range :
-20 C to +70 C

Premium		
Cross Sectional Area of Conductor (Nom.)	Number / Dia of Conductor Strands (Nom.)	Current Rating
(sq mm)	(No. / mm)	(Ampere)
0.50	16/0.20	5
0.75	24/0.20	8
1.00	32/0.20	13
1.5	30/0.25	17
2.5	50/0.25	24
4	56/0.30	30
6	84/0.30	38
10	140/0.30	52
16	224/0.30	70
25	350/0.30	88
35	490/0.30	110
50	252/0.50	145
70	354/0.50	215
95	484/0.50	260
120	608/0.50	305
150	750/0.50	355
185	925/0.50	415
240	1210/0.50	500
300	1527/0.50	585
400	2036/0.50	695

*The number and diameter of conductor strands are for reference only.
The above data is indicative and may be revised without prior intimation.

Standard		
Cross Sectional Area of Conductor (Nom.)	Number / Dia of Conductor Strands (Nom.)	Current Rating
(sq mm)	(No. / mm)	(Ampere)
0.75	10/0.30	8
1.00	14/0.30	12
1.5	22/0.30	16
2.5	36/0.30	22
4	56/0.30	29
6	84/0.30	37
10	140/0.30	51
16	224/0.30	68

<dc> deepcab Round Multicore Cable



Features

- Cable for high power use.
- Overall Mylar tape wrapping over cores improving Dielectric strength of the cable.
- Fine high quality copper strands of small cross section provide better reliable data transmission.
- High flexibility and low bending radius by using special PVC compound.

Application

- Power cords.
- High power appliances.
- Machine tools & equipments used in heat zones.
- Electronic scales and weighing machines.

Construction

- Fine conductor strands of ABC - Annealed Bare Copper.
- PVC based core insulation.
- Cores laid up in layers with Overall Mylar tape wrapping.
- Sheathing of special PVC based compound.

Technical Data



Rated voltage :
450/750 V



In Accordance to :
IS:694



Temperature Range :
-20 C to +70 C

Cross Sectional Area of Conductor (Nom.)	Thickness of PVC Insulation (Min.)	Number / Dia of Conductor Strands (Nom.)	Overall Dia (App.)			Current Rating AC
			Two Core	Three Core	Four Core	
(sq mm)	(mm)	(No. / mm)	(mm)	(mm)	(mm)	(Ampere)
0.5	0.6	16/0.20	5.7	6.0	6.4	6
0.75	0.6	24/0.20	6.2	6.4	7.5	9
1	0.6	32/0.20	6.7	6.9	7.6	14
1.5	0.6	30/0.25	7.1	7.5	8.3	18
2.5	0.7	50/0.25	8.5	8.8	10.1	24
4	0.8	56/0.30	9.9	10.8	12.4	32
6	0.8	84/0.30	12.0	12.3	14.1	38
10	1.0	140/0.30	14.5	15.5	18.0	52
16	1.0	224/0.30	18.2	19.0	21.5	70
25	1.2	350/0.30	21.5	23.0	26.0	88
35	1.2	490/0.30	23.5	25.0	28.5	110
50	1.4	700/0.30	28.0	30.0	34.0	145
70	1.5	980/0.30	32.5	34.5	39.0	215
95	1.6	1330/0.30	36.5	39.0	44.0	260

*The number and diameter of conductor strands are for reference only.
The above data is only indicative and may be revised without prior intimation.

<dc> deepcab Flat Multicore Cable



Features

- High quality copper conductors for efficient power transmission and energy saving.
- Designed for easy installation in confined spaces due to its flat shape.
- Made with durable, high-quality insulation to resist tangling and wear.
- High flexibility and low bending radius by using special PVC compound.

Application

- Modular lighting systems.
- Switchgear and panel wiring.
- Internal wiring of consumer appliances.
- Ducts, embedded conduits, and raceways.

Construction

- Fine conductor strands of ABC - Annealed Bare Copper.
- PVC based core insulation.
- Two cores arranged parallelly in a flat configuration.
- Sheathing of special PVC based compound.

Technical Data



Rated voltage :
450/750 V



In Accordance to :
IS:694



Temperature Range :
-20 C to +70 C

Cross Sectional Area of Conductor (Nom.)	Number / Dia of Conductor Strands (Nom.)	No. of Cores	Overall Dimensions (App.) W x H
(Sq mm)	(No. / mm)	(No.)	(mm)
~0.22	14/0.15	2	3.4 × 5.5
0.5	16/0.196	2	4.2 × 6.5
0.75	24/0.196	2	4.2 × 6.5
1	32/0.20	2	8.0 × 5.4
1.5	22/0.30	2	8.6 × 5.6
2.5	36/0.30	2	10.5 × 6.6
4	56/0.30	2	12.0 × 7.4
6	84/0.30	2	13.0 × 8.0
10	140/0.30	2	16.0 × 9.6
16	126/0.40	2	18.5 × 11.0

*The number and diameter of conductor strands are for reference only.
The above data is only indicative and may be revised without prior intimation.

Armoured Power Cable



<dc> deepcab Armoured Cable

Features

- Cable for fixed high power installations in industrial applications.
- Armouring to provide enhanced mechanical protection.
- Excellent abrasion resistance for enhanced durability in rugged environments.
- High temperature withstanding by using special PVC compound.

Application

- Power cable networks.
- Underground systems.
- Suitable for powering heavy industrial machinery requiring high reliability and protection.
- Rugged applications like power stations, defence, marines, airports, railways & telecommunications.

Construction

- Conductor strands of ABC - Annealed Bare Copper.
- Cores insulated with PVC/XLPE and inner sheath with PVC.
- Armouring of steel wires/strips.
- Outer sheathing of special PVC based compound.

Technical Data

 **Rated voltage :**
1100 V

 **In Accordance to :**
IS:1554 / IS:7098

 **Temperature Range :**
-20 C to +70 C

PVC Insulated Copper Armoured Power Cable - IS:1554

Cross Sectional Area of Conductor 2,3,4 Core(Nom.)	Cross Sectional Area of Conductor in case of 3.5 Core (Nom.)	Thickness of PVC Insulation (Min.)	Overall Diameter (App.)				Current Rating AC
			2 Core	3 Core	3.5 Core	4 Core	
(sq mm)	(sq mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(Ampere)
1.5	-	0.8	-	14.0	-	14.5	17
2.5	-	0.9	-	15.0	-	16.0	24
4	-	1.0	-	16.5	-	17.5	30
6	-	1	-	17.5	-	19.0	38
10	-	1.0	-	19.5	-	23.0	50
16	-	1.0	20.4	20.2	-	23.8	64
25	25/16	1.2	22.4	22.9	25.4	25.2	81
35	35/16	1.2	23.4	24.7	26.4	27.8	99
50	50/25	1.4	26.2	28.2	30.0	32.7	125
70	70/35	1.4	28.3	32.0	34.9	35.8	150
95	95/50	1.6	32.6	36.2	38.9	40.6	175

*The number and diameter of conductor strands are for reference only.
The above data is only indicative and may be revised without prior intimation.

XLPE Insulated Copper Armoured Power Cable - IS:7098

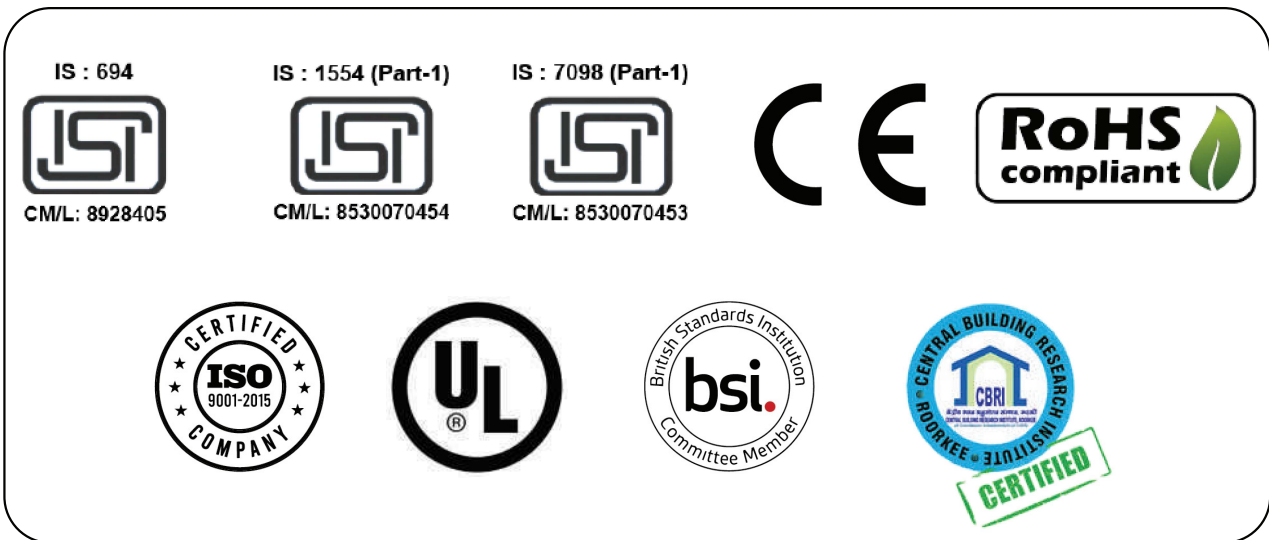
"Cross Sectional Area of Conductor 2,3,4 Core (Nom.)"	Cross Sectional Area of Conductor in case of 3.5 Core (Nom.)	Thickness of XLPE Insulation (Min.)	Overall Diameter (App.)				Current Rating in Air
			2 Core	3 Core	3.5 Core	4 Core	
(Sq mm)	(Sq mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(Ampere)
16	-	0.7	-	-	-	22.8	79
25	25/16	0.9	21.2	21.7	23.8	23.8	108
35	35/16	0.9	22.2	23.8	25.5	26.0	132
50	50/25	1.0	24.3	26.5	29.0	29.5	162
70	70/35	1.1	27.1	31.3	34.0	34.1	198
95	95/50	1.1	30.8	33.5	37.6	37.9	240

*The number and diameter of conductor strands are for reference only.
The above data is only indicative and may be revised without prior intimation.

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