deepcab®

Wires & Cables

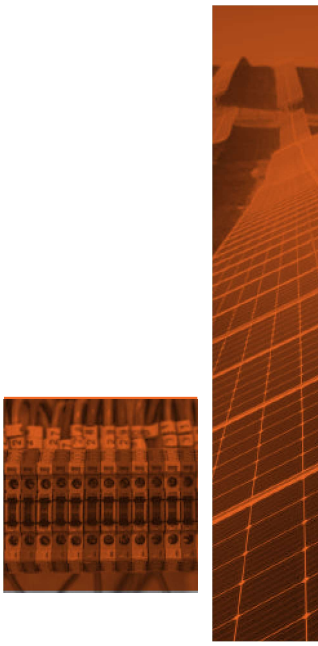
28+ Years
business legacy

800+ SKUs
across industry segments

2 Million+
(20 Lac) meters of ready stock

"Powering Connections"

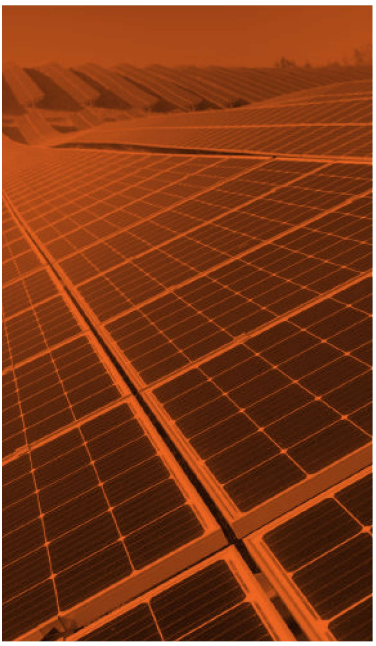
Our purpose is to power connections that drive progress by delivering high-performance, reliable solutions engineered in India and trusted for supporting industries, infrastructure, and innovation globally.

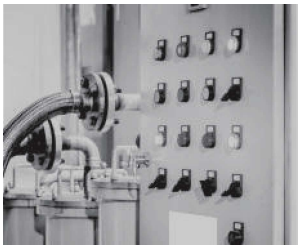


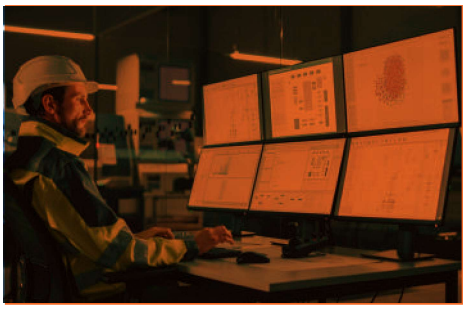
"Vision & Mission"

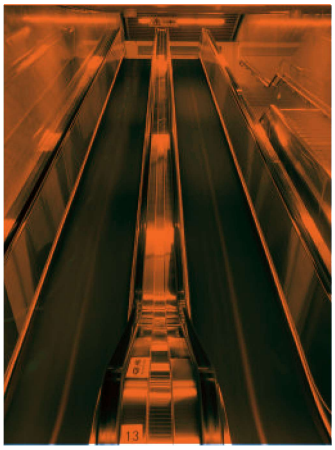
To become the globally trusted partner for future-focused businesses delivering scalable, engineered solutions that enable progress across industries, infrastructure, and next-generation projects.

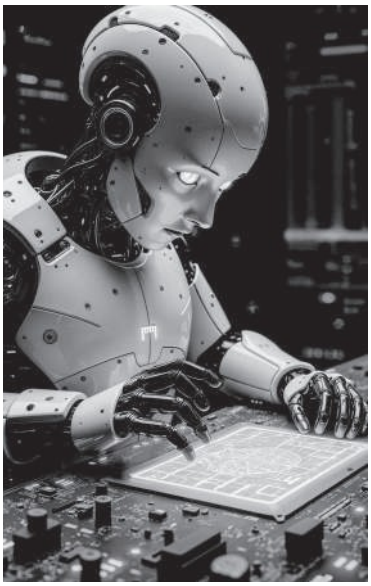
Powering success through dependable solutions and seamless service helping manufacturers, project developers, and distribution networks minimize downtime, optimize operations, and scale confidently.

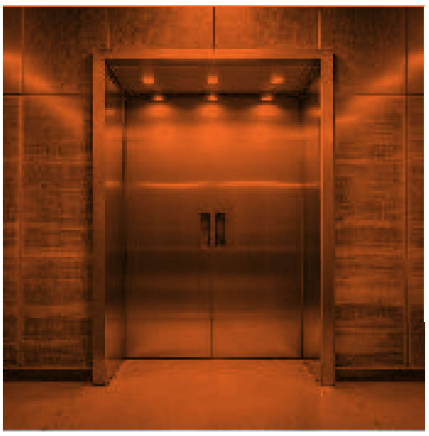












Control Cables

deepcab® Wires & Cables

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.

deepcab®
Wires & Cables

Round Multicore Cable

<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.
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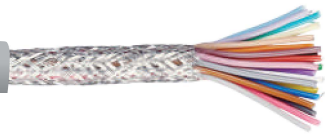
Wires & Cables

Braided Multicore Cable

<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.

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.

deepcab®
Wires & Cables

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

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

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

deepcab®
Wires & Cables

Twin Twisted Flexible Wire

Features

- High conductivity using fine copper strands.
- Twisted pairs to negate signal interferenece.
- 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.)	Dia of Conductor Strands (Nom.)	Overall Diameter (Nom.)	Current Rating AC
(No. / SWG)	(inch)	(mm)	(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.

deepcab®
Wires & Cables

Ribbon Flat Cable

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

Insulation Resistance :
> 20 MOhm x Km

Conductor Resistance :
See Chart Deepcab Flexible wire

In Accordance to :
IS:694
EN 50288

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

Test Voltage :
AC 1100 V

Rated voltage :
250 V

Temperature Range :
Static -15 C to +70 C

No. of Strands / Size	Dia of Conductor Strands (Nom.)	Dia of Conductor Strands (Nom.)	Overall Diameter (Nom.)	Current Rating AC
(No. / SWG)	(inch)	(mm)	(mm)	(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.

deepcab®

Wires & Cables

Company Certifications

IS : 694 — CM/L: 8928405

IS : 1554 (Part-1) — CM/L: 8530070454

IS : 7098 (Part-1) — CM/L: 8530070453

CE

RoHS compliant

CERTIFIED ISO 9001-2015 COMPANY

UL

British Standards Institution bsi. Committee Member

CENTRAL BUILDING RESEARCH INSTITUTE ROORKEE CBRI CERTIFIED

EXPERTS IN CRAFTING CUSTOM CABLES TO MEET YOUR UNIQUE REQUIREMENTS AND SPECIFICATIONS

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