deepcab®

Wires & Cables

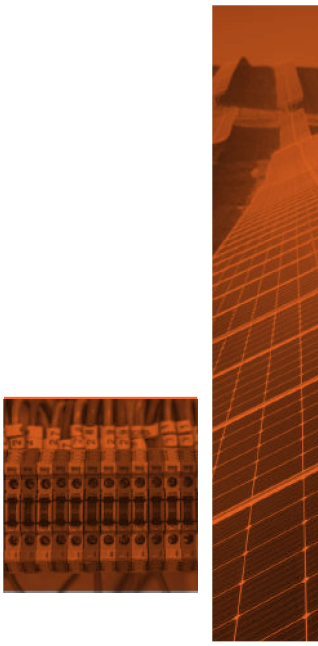
28+ Years
business legacy

800+ SKUs
across industry segments

2 Million+
(20 Lac) meters of ready stock

"Powering Connections"

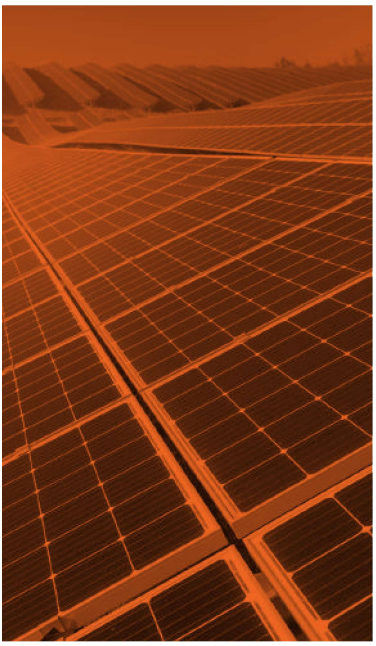
Our purpose is to power connections that drive progress by delivering high-performance, reliable solutions engineered in India and trusted for supporting industries, infrastructure, and innovation globally.

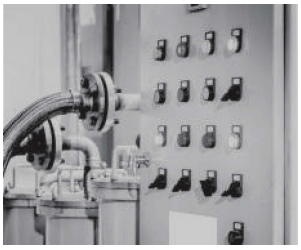


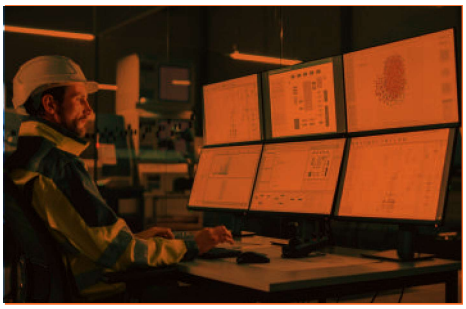
"Vision & Mission"

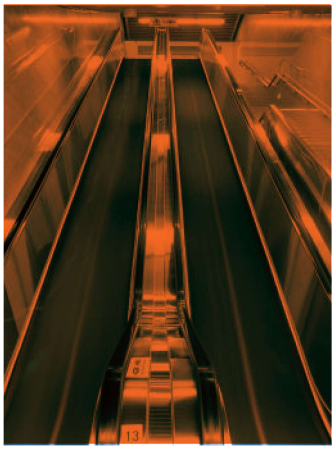
To become the globally trusted partner for future-focused businesses delivering scalable, engineered solutions that enable progress across industries, infrastructure, and next-generation projects.

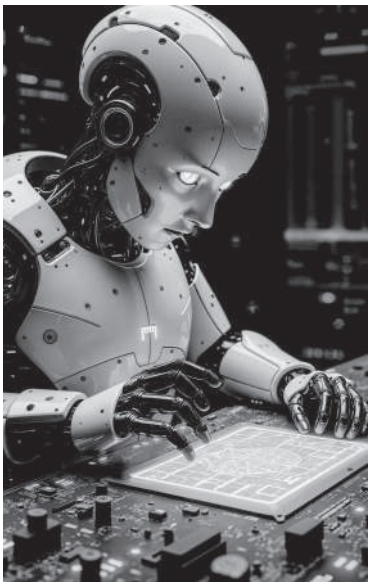
Powering success through dependable solutions and seamless service helping manufacturers, project developers, and distribution networks minimize downtime, optimize operations, and scale confidently.

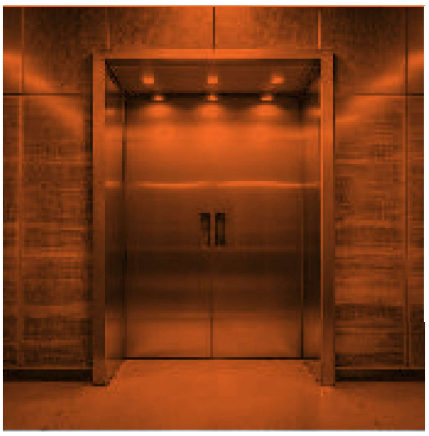












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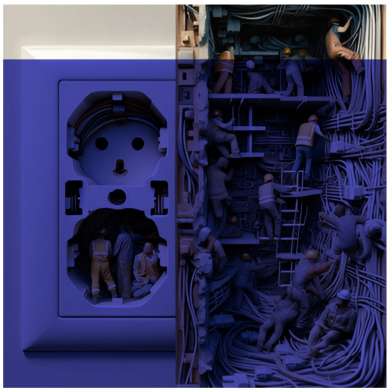

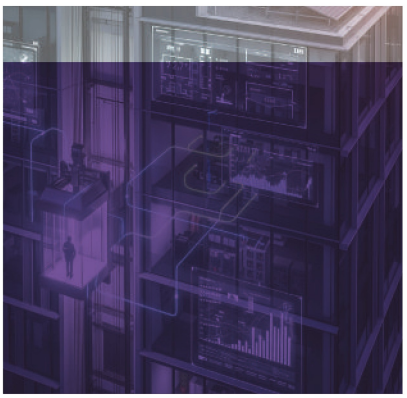

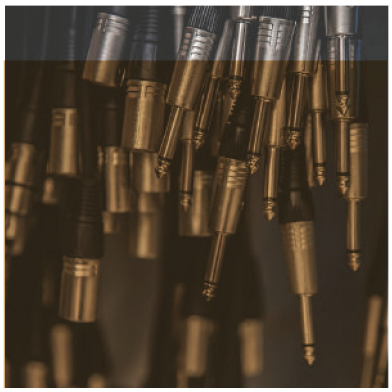

Control Cables

deepcab®
Wires & Cables

Round Multicore Cable

<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.

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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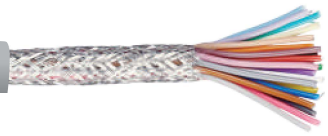
Wires & Cables

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.

deepcab®
Wires & Cables

Braided Multicore Cable

<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.

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.

Communication Cable

deepcab®
Wires & Cables

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)

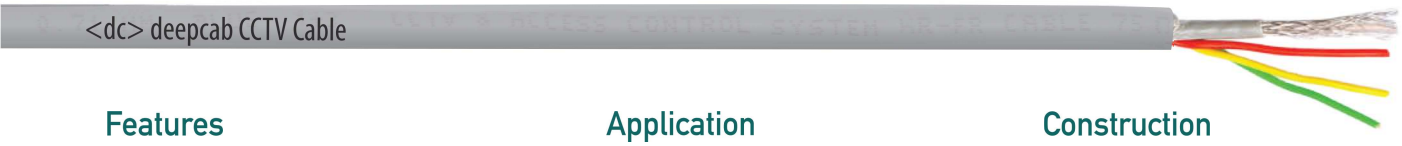
Conductor Specification: s: solid conductor, f: flexible/stranded conductor, b: bare copper, t: tin plated, v: silver plated

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



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.

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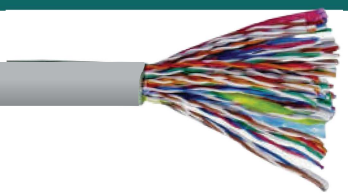
Wires & Cables

Telephone Switch Board Cable

<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.

deepcab®
Wires & Cables

CAT 6 - LAN Cable

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 compund.

Technical Data

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

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

Insulation Resistance :
> 500 MOhm/100m

DC resistance :
9.3 Ohm/100m

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

Core Identification :

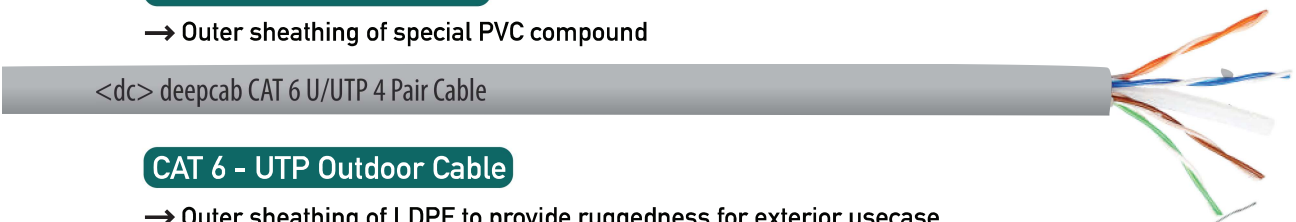
	Wire 1	Wire 2
Pair 1	White - Orange Stripe	Orange
Pair 2	White - Green Stripe	Green
Pair 3	White - Blue Stripe	Blue
Pair 4	White - Brown Stripe	Brown

Dielectric Strength :
1/1 DC kV/min

Attenuation :
5.3 dB/100m @ 8 MHz

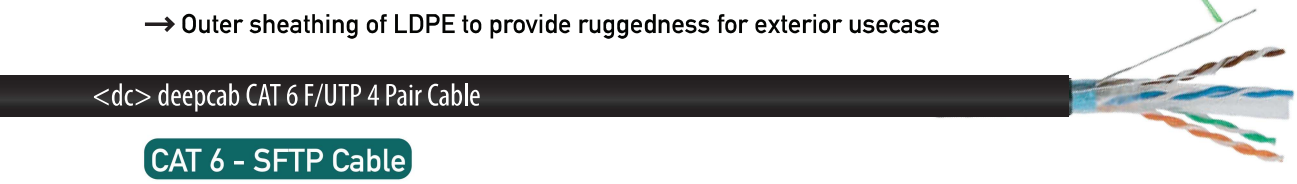
CAT 6 - UTP Indoor Cable

→ Outer sheathing of special PVC compound



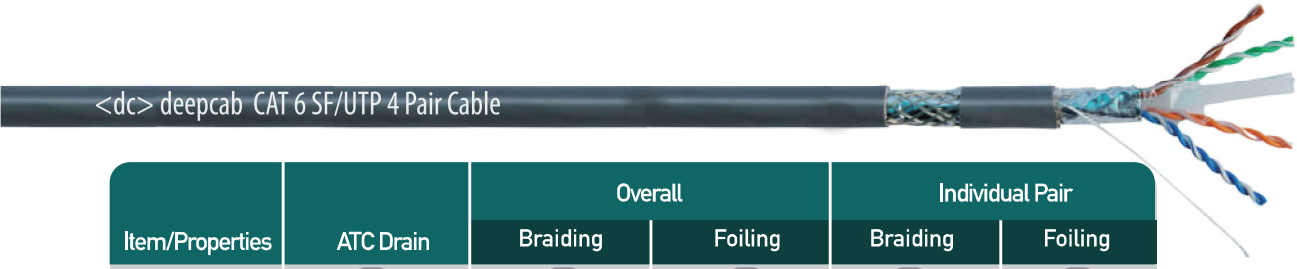
CAT 6 - UTP Outdoor Cable

→ Outer sheathing of LDPE to provide ruggedness for exterior usecase



CAT 6 - SFTP Cable

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



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

deepcab®
Wires & Cables

Microphone 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

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

Lapping 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.

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Wires & Cables

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

→ 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.

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Wires & Cables

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)	Number / Dia of Conductor Strands (Nom.) (No. / inch)
14/0.0040	14/0.0076
14/0.0060	23/0.0076
23/0.0060	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)	Number / Dia of Conductor Strands (Nom.) (No. / inch)
14/0.0060	40/0.0060
14/0.0076	40/0.0076
23/0.0060	70/0.0060
23/0.0076	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.

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Wires & Cables

Audio Snake 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.

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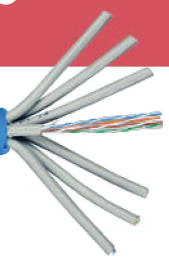
Wires & Cables

Catsnake Cable



<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

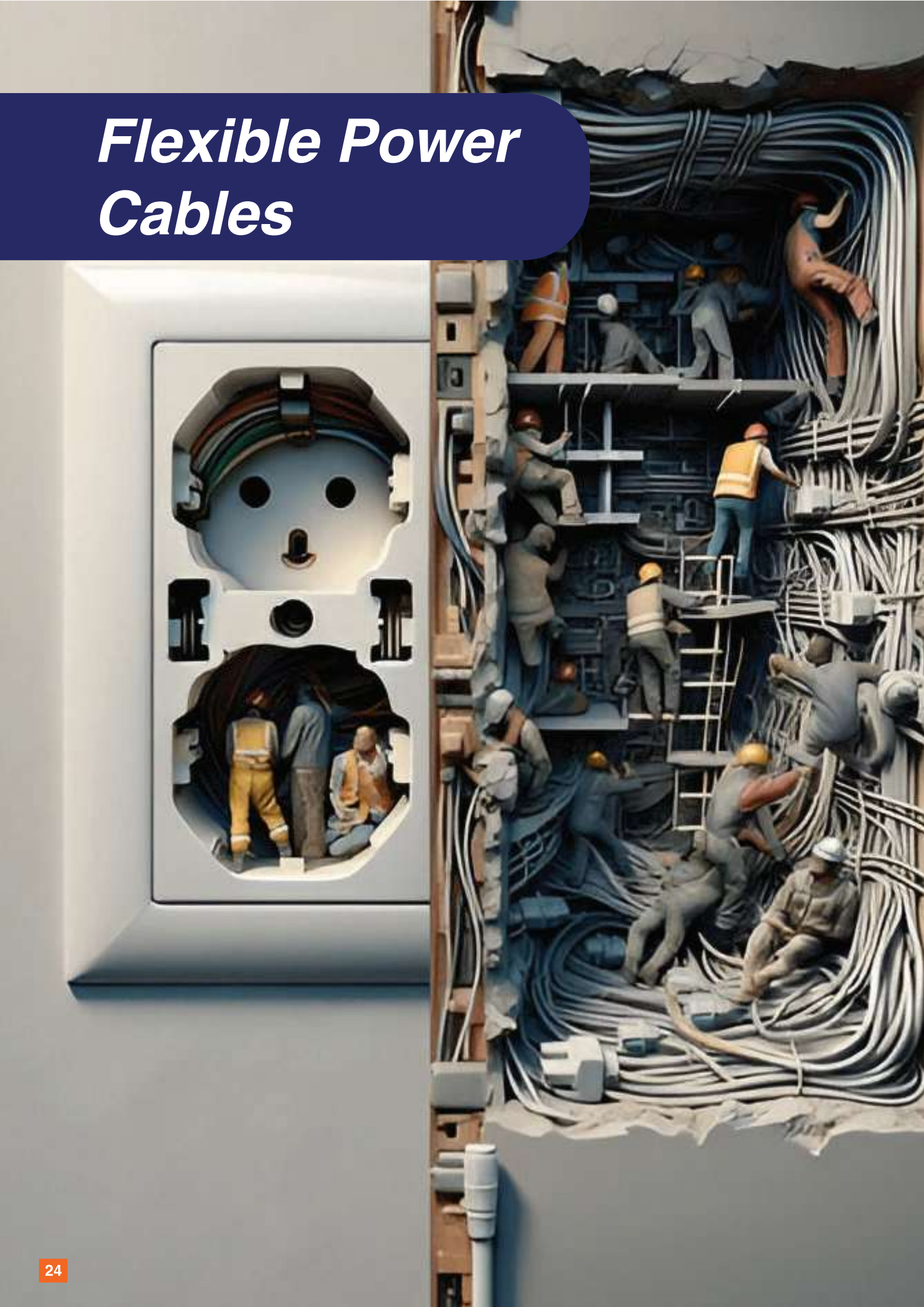
Core Identification :

	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



deepcab®
Wires & Cables

Multistrand Single Core Flexible Wire

<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

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

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

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Wires & Cables

Round Multicore Flexible Cable

<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 & eqipments 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.

deepcab®
Wires & Cables

Flat Multicore Flexible Cable

<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.

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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

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