

deepcab[®]
Wires & Cables

Manufacturing
Wires & Cables
since last 25 years.



Pioneer manufacturers in
India in the domain of indigenous
wires & cables.

Consistency

Supporting the unique design, dc deepcab wires & cables are manufactured from the purest of Copper with highest possible conductivity in the given size and perfect insulation of PVC compounds against any manufacturing fault with rigorous testing at every stage of manufacturing. The extra technical expertise in the manufacturing process has earned dc deepcab wires & cables the certifications of IS:694,1990, TAC and FIA for domestic wires & IS:1554,1988 (Part-1), IS:7098,1988 (Part- 1) for power & control cables from Bureau of Indian Standards.

DC cables are in accordance with Indian & International Standards like ASTM, BSI, BIS, UL, MIL, DIN, IEC, IEEE, ERTL, JIS, and VDE etc.

The success is attributed to UNIQUE and CONSISTENT QUALITY developed and achieved after a thorough, extensive and deep study of wire & cable failures.



Assured Quality

Quality is the core of our organization. ISO 9001 certified manufacturing processes stand testimony to the world-class quality that we maintain. Quality commitment, continuous innovation and customer satisfaction are the key elements, which constitute the framework of Quality Policy. The world-class quality gets reflected in our products, processes and our work environment. All the products supplied to the clients are meticulously tested using the most modern equipments.



VISION & MISSION

To stand tall as a world-class organization providing fully integrated Solutions for the Cable. To play a significant role in the economic prosperity through the development & supply of superior Products & Services in the Telecom & Power Infrastructure sectors.

deepcab[®]
Wires & Cables

IS:694



CM/L:8928405

IS:1554 (Part-1)



CM/L:8928405

IS:7098 (Part-1)



CM/L:8928405

IS: 1293



CM/L: 8928405

IS : 9537(Part -3)



CM/L: 8928405



EN 50288 ,5308



<dc> deepcab R-C-1.10 ROUND DATA CONTROL HR-FR CABLE ISO 9001:2015 CO. CE



Features

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

Application

- Machines & Plant Engineering construction.
- Electronics Devices and computer systems.
- Measurement Control & Instrumentation Devices
- Security & Servillance Systems.

Construction

- Fine strands of Annealed Tinned Copper Wire (ATC).
- PVC based core insulation.
- Cores laid up in layers with overall Mylar tape wrapping.
- Outer sheath of special PVC based compound to give flexibility.

Technical Data

Mutual capacitance:
C/C Maxi. 200pf/m

Conductor Resistance:
See Chart Deepcab Flexible wire

Test Voltage :
1200 V

Inductance Maxi:
Approx 1.25 mH/ km

In Accordance to:
 IS : 694 1990c
 BS 5308: Part 2, Type: 1

Working Voltage:
(not for power current prupose):
250 V

Insulation Resistance:
> 20 MΩm x Km

Core Identification:
Cores are colour coded
as per dc deepcab colour code chart

Temperature Range:
static -10 C to +70 C

ATC Multicore Round Data Control Cable

CAT No. (Code)	No. of Cores (No.)	Approx overall Dia (mm)
7/38 (26 AWG - 0.127 sq mm)		
R-A-1.02	2	3.3
R-A-1.03	3	4.1
R-A-1.04	4	4.5
R-A-1.05	5	4.8
R-A-1.06	6	5.3
R-A-1.07	7	5.4
R-A-1.08	8	5.8
R-A-1.09	9	5.9
R-A-1.10	10	6.2
R-A-1.12	12	6.6
R-A-1.14	14	6.8
R-A-1.15	15	6.9
R-A-1.16	16	7.0
R-A-1.18	18	8.0
R-A-1.20	20	8.2
R-A-1.25	25	8.8
R-A-1.30	30	9.0
R-A-1.40	40	10.3
R-A-1.50	50	11.8

ATC Multicore Round Data Control Cable

CAT No. (Code)	No. of Cores (No.)	Approx overall Dia (mm)
14/38 (24 AWG - 0.25 sq mm)		
R-C-1.02	2	3.8
R-C-1.03	3	4.5
R-C-1.04	4	5.0
R-C-1.05	5	5.3
R-C-1.06	6	6.0
R-C-1.07	7	6.0
R-C-1.08	8	6.4
R-C-1.09	9	6.5
R-C-1.10	10	6.8
R-C-1.12	12	7.2
R-C-1.14	14	7.5
R-C-1.15	15	7.6
R-C-1.16	16	7.8
R-C-1.18	18	9.0
R-C-1.20	20	9.2
R-C-1.25	25	10.0
R-C-1.30	30	10.1
R-C-1.40	40	11.5
R-C-1.50	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.



<dc> deepcab 1.5 sq mm x 20 CORE ROUND HR-FR CABLE ISO 9001:2015 CO. CE



ABC Multicore Round Data Control Cable

CAT No. (Code)	No. of Cores (No.)	Approx overall Dia (mm)
16/0.2 (20 AWG - 0.5 sq mm)		
R-G-2.02	2	5.7
R-G-2.03	3	6.0
R-G-2.04	4	6.4
R-G-2.06	6	7.3
R-G-2.08	8	8.1
R-G-2.10	10	8.7
R-G-2.12	12	9.7
R-G-2.16	16	13.0
R-G-2.20	20	14.5
R-G-2.24	24	15.0
R-G-2.36	36	18.7
R-G-2.40	40	21.0
24/0.2 (18 AWG - 0.75 sq mm)		
R-H-2.02	2	6.4
R-H-2.03	3	6.7
R-H-2.04	4	7.4
R-H-2.06	6	9.0
R-H-2.08	8	10.0
R-H-2.10	10	11.5
R-H-2.12	12	12.0
R-H-2.16	16	13.8
R-H-2.20	20	17.1
R-H-2.24	24	20.1
R-H-2.36	36	21.2
R-H-2.40	40	23.5
14/0.3 (17 AWG - 1.0 sq mm)		
R-I-2.02	2	6.7
R-I-2.03	3	6.9
R-I-2.04	4	7.6
R-I-2.06	6	9.3
R-I-2.08	8	10.8
R-I-2.10	10	11.8
R-I-2.12	12	12.5
R-I-2.16	16	16.3
R-I-2.20	20	18.4
R-I-2.24	24	20.9
R-I-2.36	36	22.1
R-I-2.40	40	24.4

ABC Multicore Round Data Control Cable

CAT No. (Code)	No. of Cores (No.)	Approx overall Dia (mm)
22/0.3 (16 AWG - 1.5 sq mm)		
R-J-2.02	2	7.0
R-J-2.03	3	7.5
R-J-2.04	4	8.2
R-J-2.06	6	10.7
R-J-2.08	8	11.0
R-J-2.10	10	14.0
R-J-2.12	12	14.0
R-J-2.16	16	18.6
R-J-2.20	20	21.1
R-J-2.24	24	24.2
R-J-2.36	36	25.5
R-J-2.40	40	28.4
36/0.3 (14 AWG - 2.5 sq mm)		
R-K-2.02	2	8.5
R-K-2.03	3	9.0
R-K-2.04	4	10.2
R-K-2.06	6	13.1
R-K-2.08	8	13.2
R-K-2.10	10	15.8
R-K-2.12	12	16.5
R-K-2.16	16	17.5
R-K-2.24	24	22.5

*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 SH-C-1.20 SHIELDED DATA CONTROL HR-FR CABLE ISO 9001:2015 CO. CE



Features

- Protection from external electromagnetic field ensuring excellent data transmission reliability.
- Coverage of copper screen braiding is more than 80%
- Overall Mylar tape wrapping over cores improves Dielectric strength of the cable.
- Significant reduction in crosstalk and interference between the cores within the pair cable due to twisted pair in the instrumentation cable.

Application

- Control and signal cable in special purpose machines and measurement equipment.
- Electronics and computer systems Electronics scales/electronic weighing machines.
- Many data transmission applications and instrumentation applications.
- These control and signal cables are used in the milliampere range for computer systems, electronic control equipment, office machines, scales etc. and wherever the thinnest possible control cables are required.
- Electronic systems normally have little space available for cable installation. Cable is made especially for short distances and small bending radiuses.

Construction

- Fine strands of ATC copper wire, PVC based core insulation, twisted in layers, overall Mylar tape wrapping, then screen braid of annealed tinned copper wire, outer PVC of special compound.
- In 0.5 sq mm and above additional Al – Mylar tape screen provides additional EMI protection.
- Cores are coded with different colours, without colour repetition ensures easy identification as per dc deepcab Colour coding standard chart.
- All Cores may be coded with different numbers & grey in colours.
- Outer sheath of special based PVC compound.

Technical Data

- Mutual capacitance:**
C/C Maxi. 200pf/m
- Conductor Resistance:**
See Chart Deepcab Flexible wire
- Test Voltage :**
1200 V

- Inductance Maxi:**
Approx 1.25 mH/ km
- In Accordance to:**
 IS:694, 1990
 BS 5308: Part 2, Type: 1

- Working Voltage:**
(not for power current purpose):
250 V

- Insulation Resistance:**
> 20 MOhm x Km
- Core Identification:**
Cores are colour coded
as per dc deepcab colour code chart
- Temperature Range:**
static -10 C to +70 C

ATC Multicore Shielded Data Control Cable

CAT No. (Code)	No. of Cores (No.)	Approx overall Dia (mm)
7/38 (26 AWG - 0.127 sq mm)		
SH-A-1.02	2	3.9
SH-A-1.03	3	4.2
SH-A-1.04	4	4.6
SH-A-1.05	5	4.9
SH-A-1.06	6	5.6
SH-A-1.07	7	5.7
SH-A-1.08	8	6.0
SH-A-1.09	9	6.2
SH-A-1.10	10	6.4
SH-A-1.12	12	6.8
SH-A-1.14	14	7.0
SH-A-1.15	15	7.2
SH-A-1.16	16	7.5
SH-A-1.18	18	8.1
SH-A-1.20	20	8.6
SH-A-1.25	25	9.4
SH-A-1.30	30	9.8
SH-A-1.40	40	11.3
SH-A-1.50	50	12.0

ATC Multicore Shielded Data Control Cable

CAT No. (Code)	No. of Cores (No.)	Approx overall Dia (mm)
14/38 (24 AWG - 0.25 sq mm)		
SH-C-1.02	2	4.2
SH-C-1.03	3	5.3
SH-C-1.04	4	5.7
SH-C-1.05	5	6.0
SH-C-1.06	6	6.5
SH-C-1.07	7	6.6
SH-C-1.08	8	7.1
SH-C-1.09	9	7.3
SH-C-1.10	10	7.6
SH-C-1.12	12	8.0
SH-C-1.14	14	8.3
SH-C-1.15	15	8.4
SH-C-1.16	16	8.5
SH-C-1.18	18	9.6
SH-C-1.20	20	9.8
SH-C-1.25	25	10.6
SH-C-1.30	30	10.8
SH-C-1.40	40	12.2
SH-C-1.50	50	14.0



<dc> deepcab 1.5 sq mm x 02 CORE SHIELDED DATA CONTROL HR-FR CABLE ISO 9001:2015 CO. CE

ATC Multicore Shielded Data Control Cable

CAT No. (Code)	No. of Cores (No.)	Approx overall Dia (mm)
16/0.2 (20 AWG - 0.5 sq mm)		
SH-G-2.02	2	6.0
SH-G-2.03	3	6.5
SH-G-2.04	4	7.0
SH-G-2.06	6	8.0
SH-G-2.08	8	8.9
SH-G-2.10	10	10.0
SH-G-2.12	12	10.7
SH-G-2.16	16	13.0
SH-G-2.20	20	15.0
SH-G-2.24	24	15.5
SH-G-2.40	40	19.0
24/0.2 (18 AWG - 0.75 sq mm)		
SH-H-2.02	2	6.5
SH-H-2.03	3	7.0
SH-H-2.04	4	7.5
SH-H-2.06	6	9.3
SH-H-2.08	8	10.0
SH-H-2.10	10	11.4
SH-H-2.12	12	12.0
SH-H-2.16	16	14.0
SH-H-2.20	20	15.8
SH-H-2.24	24	16.5
SH-H-2.40	40	20.5
32/0.2 (17 AWG - 1.0 sq mm)		
SH-I-2.02	2	7.0
SH-I-2.03	3	7.4
SH-I-2.04	4	8.2
SH-I-2.06	6	9.5
SH-I-2.08	8	10.5
SH-I-2.10	10	11.5
SH-I-2.12	12	12.6
SH-I-2.16	16	14.5
SH-I-2.20	20	15.5
SH-I-2.24	24	16.2
SH-I-2.40	40	23.0
48/0.2 (16 AWG - 1.5 sq mm)		
SH-J-2.02	2	7.5
SH-J-2.03	3	8.2
SH-J-2.04	4	8.8
SH-J-2.06	6	11.0
SH-J-2.08	8	12.3
SH-J-2.10	10	13.5
SH-J-2.12	12	14.0
SH-J-2.16	16	17.0
SH-J-2.20	20	19.0
SH-J-2.24	24	21.0
SH-J-2.40	40	25.0

ABC Multicore Shielded Data Control Cable

CAT No. (Code)	No. of Cores (No.)	Approx overall Dia (mm)
36/0.3 (14 AWG - 2.5 sqmm)		
SH-K-2.02	2	9.1
SH-K-2.03	3	9.7
SH-K-2.04	4	11.2
SH-K-2.06	6	13.0
SH-K-2.08	8	14.0
SH-K-2.10	10	16.0
SH-K-2.12	12	18.0
SH-K-2.16	16	21.0
SH-K-2.20	20	23.0
SH-K-2.24	24	24.5
SH-K-2.40	40	29.0
56/0.3 (12 AWG - 4.0 sq mm)		
SH-L-2.02	2	10.5
SH-L-2.03	3	11.0
SH-L-2.04	4	14.2
84/0.3 (10 AWG - 6.0 sq mm)		
SH-M-2.02	2	13.8
SH-M-2.03	3	14.5
SH-M-2.04	4	15.4
140/0.3 (08 AWG - 10.0 sq mm)		
SH-N-2.02	2	16.5
SH-N-2.03	3	17.5
SH-N-2.04	4	18.2
224/0.3 (06 AWG - 16.0 sq mm)		
SH-O-2.02	2	20.1
SH-O-2.03	3	21.9
SH-O-2.04	4	24.6



<dc> deepcab 4 sq mm x 04 CORE ROUND HR-FR CABLE ISO 9001:2015 CO. CE



Features

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

Application

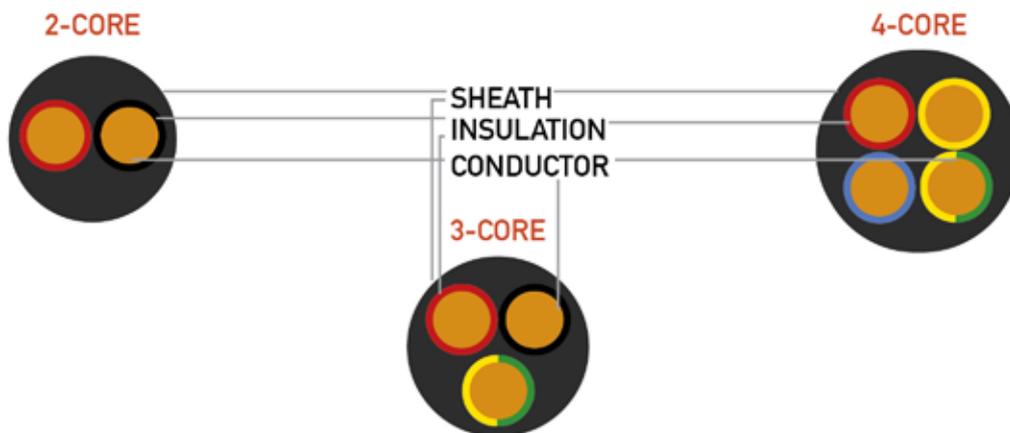
- Power cords.
- High power appliances.
- Machine tools & equipments used in heat zones.
- Sumersible pump.

Construction

- Fine strands of Annealed Tinned Copper Wire (ATC).
- PVC based core insulation.
- Cores laid up in layers with Overall Mylar tape wrapping.
- Outer sheath of special PVC based compound to give flexibility.

Cross Sectional Area of Conductor (Nom.)	Number / Dia of cond. Strands (Nom.)	Nom. Thickness of Insulation	Nominal Thickness of Sheath			Approx. Overall Diameter			Current Rating AC Amps*
			Two Core	Three Core	Four Core	Two Core	Three Core	Four Core	
(sq mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(Ampere)
0.50	16/0.20	0.6	0.9	0.9	0.9	5.7	6.6	7.2	6
0.75	24/0.20	0.6	0.9	0.9	0.9	6.5	6.9	7.6	9
1.0	32/0.20	0.6	0.9	0.9	0.9	6.9	7.3	8.2	14
1.5	30/0.25	0.6	0.9	0.9	0.9	7.6	8.2	9.3	18
2.5	50/0.25	0.7	1.0	1.0	1.0	8.6	9.5	10.5	24
4	56/0.30	0.8	1.0	1.1	1.1	10.3	10.9	12.3	32
6	84/0.30	0.8	1.1	1.1	1.2	12	12.2	14.7	38
10	140/0.30	1.0	1.2	1.2	1.3	14.5	15.5	17.5	52
16	224/0.30	1.0	1.3	1.3	1.4	18	19	21.5	70
25	350/0.30	1.2	1.4	1.4	1.6	21.5	23	26	88
35	490/0.30	1.2	1.5	1.5	1.7	23.5	25	28.5	110
50	700/0.30	1.4	1.6	1.7	1.8	28	30	34	145
70	980/0.30	1.5	1.7	1.8	1.9	32.5	34.5	39	215
95	1330/0.30	1.6	1.8	1.9	2.0	36.5	39	44	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.
Above Cable OD is for circular core only
For Copper Conductor only.



<d> deepcab 35.0 sq mm HR-FR CABLE ISO 9001:2015 CO. CE



Features

- Higher Current Carrying Capacity. Energy Saving.
- High Flexibility (Fabricated from specially developed in house PVC Compounds).
- High Fire Retardancy (Making it a very safe product)
- Glossy & Smooth Surface Finish (Ensures efficient and smooth conduit wiring).
- Smooth Surface Finish (Ensuring efficient and smooth conduit wiring).
- Low Emission of Toxic Gases (A highly safe product in Fire situations).
- Computerized Cable Design (Ensuring higher protection level for community). Free from hazardous substances.

Application

- Multistrand – House Wires are mainly used for wiring domestic and commercial structures.
- Concealed wiring.
- They are suitable for installation in lighting fittings and appliances up to 1.100V (AC).

Construction

- Fine strands of 99.97% Electrolytic grade, annealed bare copper.
- Insulated with high resistance FR+HR PVC compound that ensures uninterrupted power supply at all weather conditions
- Providing operating temp -15 C to + 70 C

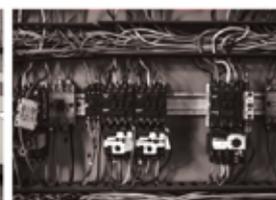
"dc deepcab premium HRFR" MAKE FLEXIBLE HOUSE WIRE (MULTI STRAND)

CAT No. (Code)	Nominal Area of Conductor (Sq. mm)	No. of Strands / Size SWG	Current Rating (Ampere)
MS-DCP-7-000.50	0.50	16/0.20	5
MS-DCP-7-000.75	0.75	10/0.30	8
MS-DCP-7-001.0	1.00	14/0.30	13
MS-DCP-7-001.5	1.5	22/0.30	17
MS-DCP-7-002.5	2.5	36/0.30	24
MS-DCP-7-004	4	56/0.30	30
MS-DCP-7-006	6	84/0.30	38
MS-DCP-7-010	10	140/0.30	52
MS-DCP-7-016	16	224/0.30	70
MS-DCP-7-025	25	350/0.30	88
MS-DCP-7-035	35	490/0.30	110
MS-DCP-7-050	50	700/0.30	145
MS-DCP-7-070	70	980/0.30	215
MS-DCP-7-095	95	1330/0.30	260
MS-DCP-7-120	120	1680/0.30	305
MS-DCP-7-150	150	750/0.50	355
MS-DCP-7-185	185	925/0.50	415
MS-DCP-7-240	240	1210/0.50	500
MS-DCP-7-300	300	1527/0.50	585
MS-DCP-7-400	400	2036/0.50	695

"dc deepcab HRFR" MAKE FLEXIBLE HOUSE WIRE (MULTI STRAND)

CAT No. (Code)	Nominal Area of Conductor (Sq. mm)	No. of Strands / Size SWG	Current Rating (Ampere)
MS-DC-7-000.75	0.75	10/0.30	8
MS-DC-7-001.0	1.00	14/0.30	12
MS-DC-7-001.5	1.5	22/0.30	16
MS-DC-7-002.5	2.5	36/0.30	22
MS-DC-7-004	4	56/0.30	29
MS-DC-7-006	6	84/0.30	37
MS-DC-7-010	10	140/0.30	51
MS-DC-7-016	16	224/0.30	68
MS-DC-7-025	25	350/0.30	86
MS-DC-7-035	35	490/0.30	110

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



<dc> deepcab FLEXIBLE CABLE ISO 9001:2015 CO. CE



Features

- Rugged yet flexible for use.
- Fine high quality copper strands provide reliable transmission.
- Highly flexibility and minimum bending radius by using special PVC compound.

Application

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

Construction

- Fine strands of Annealed Tinned Copper Wire (ATC).
- Bunched in accordance to IEC 60228 (Class-5).
- Insulation of HRFR-PVC based compound.

ATC Flexible Cable

CAT No. (Code)	No. of Strands / Size (SWG)	No. of Strands / Size (inch)	ATC Conductor Size(mm)	Cross Sectional Area of Conductor (Nom.) (sq mm)	Thickness of Insulation (Nom.)(mm)	Overall Diameter (Nom.)(mm)	Current Rating AC (Ampere)	Conductor Resistance at 20 C (Max.)(Ohm)
F-X-7-101	7/40	7/0.0048	0.122	0.081	0.40	1.20	0.25	245.2
F-X-7-102	7/38	7/0.0060	0.152	0.127	0.45	1.30	1.0	157.9
F-X-7-103	7/36	7/0.0076	0.193	0.205	0.40	1.35	1.5	97.8
F-X-7-104	14/38	14/0.0060	0.152	0.253	0.60	1.80	2.0	79.0
F-X-7-105	14/36	14/0.0076	0.193	0.409	0.55	1.90	3.0	49.0
F-X-7-106	23/38	23/0.0060	0.152	0.417	0.70	2.20	4.0	48.0
F-X-7-107	23/36	23/0.0076	0.193	0.672	0.75	2.50	6.0	29.8
F-X-7-108	40/38	40/0.0060	0.152	0.725	0.85	2.80	8.0	26.0
F-X-7-109	40/36	40/0.0076	0.193	1.167	0.90	3.10	12.0	17.2

*The above mentioned are readily available in stock. We can develop and cater cables as per customer requirement & specification. The number and diameter of conductor strands are for reference only. The above data is indicative and may be revised without prior intimation.

HookUp Wire

<dc> deepcab HOOKUP WIRE ISO 9001:2015 CO. CE



Features

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

Application

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

Construction

- Single wire conductor of Annealed Tinned Copper Wire (ATC).
- Insulation of special FR-PVC based compound.

ATC HookUp Wire

CAT No. (Code)	No. of Strands / Size (SWG)	No. of Strands / Size (inch)	ATC Conductor Size(mm)	Cross Sectional Area of Conductor (Nom.) (sq mm)	Thickness of Insulation (Nom.)(mm)	Overall Diameter (Nom.)(mm)	Current Rating AC (Ampere)	Conductor Resistance at 20 C (Max.)(Ohm)
H-X-7-101	1/31	1/0.30	0.295	0.061	0.15	0.60	0.3	264.99
H-X-7-102	1/28	1/0.36	0.376	0.110	0.35	1.10	1.5	163.12
H-X-7-103	1/26	1/0.46	0.457	0.164	0.40	1.35	1.7	100.42
H-X-7-104	1/23	1/0.61	0.610	0.291	0.45	1.70	2.5	61.97
H-X-7-105	1/22	1/0.71	0.711	0.397	0.50	1.70	4.0	45.62
H-X-7-106	1/20	1/0.91	0.914	0.397	0.70	2.30	6.0	27.6

*The above mentioned are readily available in stock. We can develop and cater cables as per customer requirement & specification. 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.
- Fine high quality copper strands provide reliable transmission.
- Highly flexibility and minimum bending radius by using special PVC compound.

Application

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

Construction

- Fine strands of Annealed Tinned Copper Wire (ATC).
- Insulation of HRFR-PVC based compound.

Technical Data

-  **Mutual capacitance:**
C/C Maxi. 50 pf/m
-  **Conductor Resistance:**
See Chart Deepcab Flexible wire
-  **Test Voltage :**
1200 V

In Accordance to:
 IS : 694 1990
 BS 5308: Part 2. Type: 1

 **Working Voltage:**
(not for power current prupose):
250 V

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

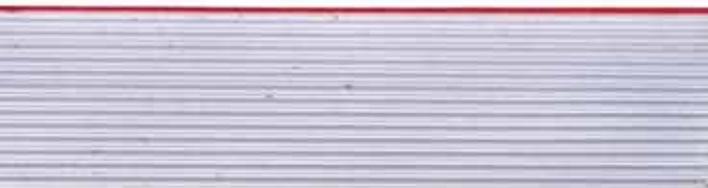
 **Core Identification:**
Cores are colour coded
as per dc deepcab colour code chart

 **Temperature Range:**
static -10 C to +70 C

Ribbon Wire (Cores - 2 to 50)

CAT No. (Code)	No. of Strands / Size (SWG)	No. of Strands / Size (inch)	ATC Conductor Size(mm)	Cross Sectional Area of Conductor (Nom.) (sq mm)	Thickness of Insulation (Nom.)(mm)	Overall Diameter (Nom.)(mm)	Current Rating AC (Ampere)	Conductor Resistance at 20 C (Max.)(Ohm)
R-X-11-101	7/40	7/0.0048	0.122	0.081	0.40	1.20	0.25A	245.2
R-X-11-102	7/38	7/0.0060	0.152	0.127	0.45	1.30	1.0A	157.9
R-X-11-103	7/36	7/0.0076	0.193	0.205	0.40	1.35	1.5A	97.8
R-X-11-104	14/38	14/0.0060	0.152	0.253	0.60	1.80	2.0A	79.0
R-X-11-105	14/36	14/0.0076	0.193	0.409	0.55	1.90	3.0A	49.0
R-X-11-106	23/38	23/0.0060	0.152	0.417	0.70	2.20	4.0A	48.0
R-X-11-107	23/36	23/0.0076	0.193	0.672	0.75	2.50	6.0A	29.8
R-X-11-108	40/38	23/0.0060	0.152	0.725	0.85	2.80	8.0A	26.0
R-X-11-109	40/36	23/0.0076	0.193	1.167	0.90	3.10	12A	17.2

*The above mentioned are readily available in stock. We can develop and cater cables as per customer requirement & specification.
 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 12 CORE FLAT ELEVATOR HRFR CABLE ISO 9001:2015 CO. CE



Features

- Excellent durability and flexibility as travelling cable for elevators.
- Resistant to moisture, abrasion, grease and oil.
- Highly flexibility and minimum bending radius by using special PVC compound.

Application

- Power transmission in elevators.
- Camera in elevator.
- Communication between controller and elevator cabin.

Construction

- Annealed bare copper (ABC) conductor.
- Insulation of HRFR-PVC based compound.
- Sheath extruded in a single layer on the cores laid parallel.

Technical Data

Insulation Resistance:
> 0.012 MΩm / Km

Temperature Range:
static -20 C to +70 C



Test Voltage :
3000 V

Working Voltage:
(not for power current propose):
300/500 V

Bending Radius (Min):
5 x Cable Thickness (Ht)
10 x Core Dia.

*Cross Sectional Area of Conductor (Nom.)(X ²) (sq mm)	Number / Dia of cond. Strands (Nom.) (mm)	Current Rating (ampere)	Conductor Resistance per KM at 20 C (Max.) (ohm)
0.50	16/0.20	6	39.0
0.75	24/0.20	9	26.0
1.0	32/0.20	14	19.5
1.5	30/0.25	18	13.3
2.5	50/0.25	24	7.98

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

Available in: 4 Core to 24 Core 0.5 sqmm to 2.5 sq mm

Numbers of cores	6	9	12	16	20	24
Number of Group & Cores in Each Group	2x3	3x3	3x4	4x4	5x4	6x4

<dc> deepcab 16 CORE FLAT ELEVATOR HRFR CABLE ISO 9001:2015 CO. CE



20 CORE

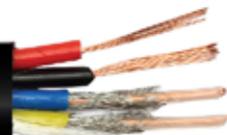


24 CORE

Elevator Flat Travelling Cable 2+2 Core:

- For digital & analog camera in elevator
- Annealed tinned copper (ATC) conductor
- Insulated with HRFR-PE based compound

<dc> deepcab 2+2 FLAT ELEVATOR CAMERA HRFR CABLE ISO 9001:2015 CO. CE



Features

- Excellent transmission over twisted pairs.
- Central separator spline for refined crosstalk performance.
- Highly flexibility and minimum bending radius by using special PVC compound.

Application

- Networking - Modems, Switches, Routers, Servers & other network equipments.
- High bandwidth Gigabit Ethernet(1000 baseT) support.

Construction

- Solid bare electrolytic grade copper conductor.
- Insulation of high quality polyolefin.

Technical Data

 Mutual capacitance:
C/C Maxi. 5.1 nF/100m

 Conductor Resistance:
9.3 Ohm/100m

 Dielectric Strength :
1/1 DC kV/min

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

 In Accordance to:
IS:694, 1990
BSI BS 5308: Part 2, Type: 1

 Working Voltage:
Maxi. 300 V RMS

 Insulation Resistance:
> 500 MOhm/100m

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

Wire 2
Orange
Blue
Green
Brown

 Attenuation :
5.3 dB/100m @ 8 MHz

<dc> deepcab CAT 6E U/UTP 4 PAIR NETWORKING CABLE ISO 9001:2015 CO. CE

CAT 6E - 4 Pair UTP Cable (Indoor)

- Jacket of special HRFR-PVC based compound

<dc> deepcab CAT 6E F/UTP 4 PAIR NETWORKING CABLE ISO 9001:2015 CO. CE

CAT 6E - 4 Pair UTP Cable (Outdoor)

- Jacket of LDPE to provide ruggedness for exterior usecase

<dc> deepcab CAT 6E SF/UTP 4 PAIR NETWORKING CABLE ISO 9001:2015 CO. CE

CAT 6E - 4 Pair SFTP Cable

- Jacket of special HRFR-PVC based compound
- Alloy braiding (jelly filled) with Aluminium mylar tape & ATC drai

*CAT 6E - 2 Pair & CAT 6E - 4 Pair STP also available.
Packing: Available in 100m & 305m pack.



<dc> deepcab RG-11 APD GAS INJECTED COAXIAL HR-FR CABLE ISO 9001:2015 CO. CE



Features

- Cable for efficient analog & digital signals transmission.
- Braided shielding to protect signal from external interference.
- Internal corrosion & water resistant.
- Highly flexibility and minimum bending radius by using special PVC compound.

Application

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

Construction

- Fine strands of Annealed Tinned Copper Wire (ATC).
- LDPE insulation with alloy wire braiding.
- Outer sheath of special PVC based compound to give flexibility.

CAT No. (Code)	Type	Characteristic Impedance (Ohm)	Capacitance (pF/m)	Attenuation at 200 MHz (db/100 ft) (db/100 m)		Inner Conductor Dia. (mm)	Dielectric Insulation Dia. (mm)	Overall Dia. (mm)
RG-5-58 C/U	RG-58 C/U	50±2	105	10.5	34.4	0.90(ft)	2.95 (2Y)	4.95 (Y)
RG-5-58 C/U(Special)	RG-58 C/U	50±2	105	11.5	37.95	0.78(ft)	2.70 (2Y)	4.95 (Y)
RG-5-174 A/U	RG-174A/U	50±2	105			0.48(ft)	1.50 (2Y)	2.80 (Y)
RG-5-213 /U	RG-213 /U	50±2	101	3.3	10.8	2.26(fb)	7.25 (2Y)	10.30 (Y)
RG-5-214 /U (DS)	RG-214 /U	50±2	101	2.9	9.5	2.26 (ft)	7.25 (2Y)	10.80 (Y)
RG-5-223 /U (DS)	RG-223 /U	50±2	106	8.8	28.9	0.89(sv)	2.95 (2Y)	5.40 (Y)
RG-5-11 A/U	RG-11 A/U	75±3	68	1.75	5.8	1.63(sb)	7.50 (2Y)	10.5 (Y)
RG-5-8 A/U	RG-8 A/U	75±3	68	2.72	9	1.12(sb)	6.0 (2Y)	8.5 (YY)
RG-5-6 A/U	RG-6 A/U	75±3	68	3.18	10.5	0.91(sb)	4.80 (2Y)	5.8 (YY)
RG-5-59 A/U	RG-59 A/U	75±3	68	4.09	13.5	0.71(sb)	3.80 (2Y)	5.0 (YY)
RG-5-59 B/U	RG-59 B/U	75±3	68	3.78	12.5	0.71 (st)	3.40 (2Y)	6.0 (Y)
RG-5-59 B/U (DS)	RG-59 B/U	75±3	68	3.48	11.5	0.71(st)	3.40 (2Y)	6.5 (Y)

*The number and diameter of conductor strands are for reference only.
The above data is only indicative and may be revised without prior intimation.
Above cable OD is for circular core only.
For Copper conductor only.

Conductor Specification: s: solid conductor, f: flexible/stranded conductor, b: bare copper, t: tinned 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



<dc> deepcab VGA CABLE ISO 9001:2015 CO. CE



Features

- Cable for efficient analog signal transmission.
- Braided shielding to protect signal from external interference.
- Highly flexibility and minimum bending radius by using special PVC compound.

Application

- Provides high quality VGA connection.
- Suitable for high resolution applications.

Construction

- Solid bare copper conductor of electrolytic grade.
- 3 Cores insulated with LDPE, braided and sheathed with PVC and rest cores insulated with PVC.
- All cores bunched and braided shielded.
- Outer sheath of special PVC based compound to give flexibility.

CAT No. (Code)	Core A		Core B	
	Number of cores (No.)	No. of Strands / Size of each strand(SWG)	Number of cores (No.)	No. of Strands / Size of each strand (SWG)
VGA-4-3+7	3	7/36	7	7/36
VGA-4-3+8	3	7/36	8	7/36

*The above data is only indicative and may be revised without prior intimation.
For Copper conductor only.

CCTV Cables

<dc> deepcab 1+3 CCTV & ACCESS CONTROL HR-FR CABLE ISO 9001:2015 CO. CE



Features

- Combination of power supply & communication.
- Braided shielding to prevent distortion.
- Highly flexibility and minimum 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 bare copper conductor of electrolytic grade.
- 1 Coaxial core insulated with LDPE, braided and sheathed with PVC and rest cores insulated with PVC.
- Outer sheath of special PVC based compound to give flexibility.

CAT No. (Code)	Core A		Core B	
	Number of cores (No.)	No. of Strands / Size of each strand(SWG)	Number of cores (No.)	No. of Strands / Size of each strand (SWG)
CCTV-4-1+3	1	14/0.0052	3	14/0.0052
CCTV-4-1+3	1	0.71mm	3	14/0.0052
CCTV-4-1+3	1	0.71mm	3	14/0.0040

*The above data is only indicative and may be revised without prior intimation.
For Copper conductor only.

Core A: Coaxial- Insulated with LDPE, braided and sheathed with PVC based compound

Core B: Insulated with PVC based compound



<dc> deepcab COPPER ARMoured POWER CABLE ISO 9001:2015 CO. CE



Features

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

Application

- Power cable networks.
- Underground systems.
- Rugged applications like power stations, defence, marines, airports, railways & telecommunications.

Construction

- Electrolytic grade copper conductor.
- Insulated with PVC/XLPE and sheathed with PVC.
- Armouring of steel wire/strip and outer sheath of special PVC based compound.

PVC INSULATED COPPER ARMoured POWER CABLE - IS:1554

Cross Sectional Area of Conductor 2,3,4 Core (Nom.) (Sq mm)	Cross Sectional Area of Conductor in case of 3.5 Core (Nom.) (Sq mm)	Thickness of PVC Insulation (Min.) (mm)	Thickness of Inner Sheath (Min.) (mm)	Thickness of PVC Outer Sheath (mm)	Overall Diameter (App.)				Resistance at 20 C (Ohm)	Current Rating in Air (Ampere)
					2 Core (mm)	3 Core (mm)	3.5 Core (mm)	4 Core (mm)		
1.5	-	0.8	0.3	1.24	-	14.0	-	14.5	12.10	17
2.5	-	0.9	0.3	1.24	-	15.0	-	16.0	7.40	24
4	-	1.0	0.3	1.24	-	16.5	-	17.5	4.60	30
6	-	1	0.3	1.24	-	17.5	-	19.0	3.10	38
10	-	1.0	0.3	1.40	-	19.5	-	23.0	1.80	50
16	-	1.0	0.3	1.40	20.4	20.2	-	23.8	1.20	64
25	25/16	1.2	0.3	1.40	22.4	22.9	25.4	25.2	0.73	81
35	35/16	1.2	0.3	1.56	23.4	24.7	26.4	27.8	0.52	99
50	50/25	1.4	0.3	1.56	26.2	28.2	30.0	32.7	0.39	125
70	70/35	1.4	0.3	1.56	28.3	32.0	34.9	35.8	0.27	150
95	95/50	1.6	0.4	1.72	32.6	36.2	38.9	40.6	0.19	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.
For Copper conductor only

XLPE INSULATED COPPER ARMoured POWER CABLE - IS:7098

Cross Sectional Area of Conductor 2,3,4 Core (Nom.) (Sq mm)	Cross Sectional Area of Conductor in case of 3.5 Core (Nom.) (Sq mm)	Thickness of PVC Insulation (Min.) (mm)	Thickness of Inner Sheath (Min.) (mm)	Thickness of PVC Outer Sheath (mm)	Overall Diameter (App.)				Resistance at 20 C (Ohm)	Current Rating in Air (Ampere)
					2 Core (mm)	3 Core (mm)	3.5 Core (mm)	4 Core (mm)		
16	-	0.7	0.3	1.40	-	-	-	22.8	1.15	79
25	25/16	0.9	0.3	1.40	21.2	21.7	23.8	23.8	0.73	108
35	35/16	0.9	0.3	1.40	22.2	23.8	25.5	26.0	0.52	132
50	50/25	1.0	0.3	1.56	24.3	26.5	29.0	29.5	0.39	162
70	70/35	1.1	0.3	1.56	27.1	31.3	34.0	34.1	0.27	198
95	95/50	1.1	0.4	1.72	30.8	33.5	37.6	37.9	0.19	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.
For Copper conductor only.



<dc> deepcab FIRE SURVIVAL CABLE ISO 9001:2015 CO. CE



Features

- Cable for fixed high power installations in industrial applications.
- Armouring to provide enhanced mechanical protection.
- Fire withstanding ensuring circuit integrity incase of fire outbreak.

Application

- Fire & smoke detector systems.
- Public buildings & constructions like theatres & hospitals.
- Power stations, railways, petro-chemical plants & tunnels.

Construction

- Fine conductor strands of Annealed Bare Copper (ABC), twisted and wrapped overall with mylar tape
- Insulated with cross-linked XLPE and LSZH sheathed.
- Armouring of steel wire and LSZH outer sheath.

Technical Data

 **Test Voltage :**
AC 3500 V

 **Working Voltage:**
(not for power current prupose):
600 / 1000V

 **Temperature Range:**
-20 C to +90 C

"Cross Sectional Area of Conductor (Nom.)" (Sq mm)	Thickness of Insulation (mm)	Dia. Of Armour Wire (mm)	Overall Diameter (App.)			Resistance at 20 C (Ohm)
			2 Core	3 Core	3.5 Core	
1.5	0.6	0.90	13.0	13.5	14.8	15.43
2.5	0.7	0.90	14.5	15.0	16.0	9.45
4	0.7	0.90	15.5	16.5	17.8	5.88
6	0.7	1.25	17.0	17.5	20.0	3.93
10	0.7	1.25	19.0	20.5	22.0	2.33
16	0.7	1.25	21.0	22.5	24.5	1.47
25	0.9	1.60	22.5	26.5	28.5	0.93
35	0.9	1.60	24.0	29.0	31.5	0.67
50	1.0	1.60	26.5	29.5	33.2	0.49
70	1.1	2.00	30.0	33.0	39.2	0.34
95	1.1	2.00	34.0	38.0	43.2	0.25

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



Features

- Suitable for photovoltaic-solar applications.
- UV & Ozone resistant.
- Low smoke emission.

Application

- Power supply systems in solar systems.
- Indoor, outdoor & hazard explosion areas.
- Applications in equipment with protective insulation.

Construction

- Fine conductor strands of Tinned Copper.
- XLPO based core insulation.
- LSZH (Low Smoke, Zero Halogen) sheathed.

Technical Data

 **Test Voltage :**
AC 6.5 kV
DC 15 kV

 **Working Voltage:**
(not for power current prupose):
AC 1.2 kV
DC 1.8 kV

 **Temperature Range:**
-20 C to +90 C

Cross Sectional Area of Conductor 2,3,4 Core (Nom.) [*] (Sq mm)	Cross Sectional Area of Conductor in case of 3,5 Core (Nom.) (Sq mm)	Thickness of PVC Insulation (Min.) (mm)	Overall Diameter (Nom.) (mm)	Conductor Resistance at 20 C (Max.) (ohm)	Current Rating in Air (Ampere)
1.5	0.7	0.8	4.8	13.70	30
2.5	0.7	0.8	5.2	8.21	41
4	0.7	0.8	5.8	5.09	55
6	0.7	0.8	6.4	3.39	70
10	0.7	0.8	7.3	1.95	98
16	0.7	0.9	8.6	1.24	132
25	0.9	1	10.4	0.80	176
35	0.9	1.1	11.8	0.57	218
50	1.0	1.2	13.8	0.39	276
70	1.1	1.2	15.6	0.28	347
95	1.1	1.3	17.7	0.21	416

^{*}The number and diameter of conductor strands are for reference only.
The above data is only indicative and may be revised without prior intimation.
Above cable OD is for circular core only.
For Copper conductor only.



PVC Conduit Pipe



HDPE Pipe



PVC Sleeve



PVC Tape



Distribution Box



Junction Box



Switch & Sockets



Switch Plates



Electrical MCB & Isolators



LT & HT Panels



Cable Trays & Raceways



UPS



Battery



Servo Stabilizers



CREATING THE STATE - OF -ART

Deep Cables innovates cables as per customer's stipulations.

- ⊕ **Shielded Cable**
 - Round Cable
 - Flexible Cable
 - Coaxial Cable
 - CCTV Cable
 - Speaker Wire
 - Armoured Cable
 - Ribbon Flat Wire
- ⊕ **Telecommunication Cable**
 - VGA Cable
 - Microphone Cable
 - Power Cable
 - Head phone Wire
 - Control Cable
 - Multistrand House Wire
 - HookUp Wire
- ⊕ **Data Signal and Control Cable**
 - Elevator Cable
 - Networking / LAN Cable
 - DJ Cable
 - Teflon Cable
 - Solar Ribbon Cables
 - Nose Wire
 - 2 Pin – 3 Pin Lead

deepcab[®]
Wires & Cables

WORKS

DEEP CABLES
Plot no.A- 38,
Jhilmil Industrial Area, Delhi -110095

☎ 9810140200
☎ 011-43070378
✉ sundeep@deepcab.com

SALES

DEEP ENTERPRISES
Sales: 190 - 191, Old Lajpat Rai Market
Delhi-110006

☎ 9810240200
☎ 011-23860200
✉ info@deepcab.com
☎ 9870332319

 www.deepcab.com