

Zipcon

Bring Home A World Of
SAVINGS
And Safety



ISO 9001 : 2015



CERTIFICATION & STANDARDS

ZIPCON Cables Pvt. Ltd. is an acclaimed ISO 9001:2015 certified company and conforms to IS 694, IS 1554 (Part 1), IS 7098 (Part 1) and IS 14255.

[illegible]

Certificate of Registration

This is to certify that

Unitech Cables

1st Floor, A-63, Balmati Industrial Area, Shahdara, Delhi - 110095, India.

has been assessed by RICL and found to comply with the requirements of

ISO 9001 : 2015
Quality Management Systems

For the following activities:

Manufacturing of Electric Wire and Cables for Household, Industrial Agricultural, Power, Telecommunication Cables and PVC Compound.

This Certificate is Valid from 16/09/2024 Until 15/09/2026

Date of Initial Certification: 16/09/2024
Issued Surveillance on or before: 15/09/2025
Next Surveillance on or before: 15/09/2026
Certification Valid Until: 15/09/2027

IAF INTERNATIONAL ACCREDITATION FORUM
www.international-accreditation.org

UAF UNITED STATES OF AMERICA
www.usacert.com

CB-004-004

This certificate can be verified at www.iafaffirmity.org,
www.certificateverification.com or
certificates@unitechcables.com

Signature: _____
Director
Royal Impact Certification Ltd.
SRI, Sanyal Estate, Plot No. 46, Sector 10, Gurgaon - 122001, India
info@ripl.com
Phone: +91 124 4010000

IAF is a member of International Accreditation Forum (IAF), its membership status can be verified at www.iaf.or.jp. This Certificate remains the property of Royal Impact Certification Limited. It shall be returned on request if Certificate is withdrawn. Validity of this certificate is subject to successful surveillance audits as per dates given above.

|   | MSME Ministry of India MSME, Jang Sahi Vardar, Udyog Bhawan MINISTRY OF MICRO, SMALL & MEDIUM ENTERPRISES |  MSME, Jang Sahi Vardar, Udyog Bhawan MSME, Jang Sahi Vardar, Udyog Bhawan | | | | | | | | | | | | | | | | | | | | |
|--|--|---|------------------|--------------------|-----------------|-----------------|-----------------------------------|------------------|---------------|------|-----|---------|----------|----|------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| |  उद्योग आधार Udyog Aadhaar | | | | | | | | | | | | | | | | | | | | | |
| <table border="1"> <tr> <td rowspan="4" style="text-align: center; vertical-align: middle; font-size: 2em;">A</td> <td>Type of Enterprise</td> <td>Micro</td> <td>Small</td> <td>Medium</td> </tr> <tr> <td>Manufacturing</td> <td>JA</td> <td>SB</td> <td>SC</td> </tr> <tr> <td>Service</td> <td>SD</td> <td>SE</td> <td>TF</td> </tr> <tr> <td>Udyam No.</td> <td colspan="3">UJ23AA000001</td> </tr> </table> | | | A | Type of Enterprise | Micro | Small | Medium | Manufacturing | JA | SB | SC | Service | SD | SE | TF | Udyam No. | UJ23AA000001 | | | | | |
| A | Type of Enterprise | Micro | | Small | Medium | | | | | | | | | | | | | | | | | |
| | Manufacturing | JA | | SB | SC | | | | | | | | | | | | | | | | | |
| | Service | SD | | SE | TF | | | | | | | | | | | | | | | | | |
| | Udyam No. | UJ23AA000001 | | | | | | | | | | | | | | | | | | | | |
| Udyog Aadhaar Registration Certificate DU23AA000001 ADDRESS INDUSTRIES | | | | | | | | | | | | | | | | | | | | | | |
| Udyog Aadhaar Number: Name of Enterprise: Location of Plant Details: Official Address of Enterprise: | <table border="1"> <tr> <th>SN</th> <th>Pin/Barcode/Key</th> <th>Name of Premises/Building/Village</th> <th>Road/Street Lane</th> <th>Area Locality</th> <th>City</th> <th>Pin</th> <th>State</th> <th>District</th> </tr> <tr> <td>1</td> <td>23AA000001</td> <td>INDUSTRIAL AREA</td> <td>INDUSTRIAL AREA</td> <td>INDUSTRIAL AREA</td> <td>INDUSTRIAL AREA</td> <td>INDUSTRIAL AREA</td> <td>INDUSTRIAL AREA</td> <td>INDUSTRIAL AREA</td> </tr> </table> | | | | SN | Pin/Barcode/Key | Name of Premises/Building/Village | Road/Street Lane | Area Locality | City | Pin | State | District | 1 | 23AA000001 | INDUSTRIAL AREA | INDUSTRIAL AREA | INDUSTRIAL AREA | INDUSTRIAL AREA | INDUSTRIAL AREA | INDUSTRIAL AREA | INDUSTRIAL AREA |
| SN | Pin/Barcode/Key | Name of Premises/Building/Village | Road/Street Lane | Area Locality | City | Pin | State | District | | | | | | | | | | | | | | |
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| Date of commencement: Main Activity: Enterprise Type: Premises Registration details if any: Previous Industry Classification Code: MSME | A-05, JANGSAH VARDAR INDUSTRIAL AREA, DELHI 110005 District: EAST DELHI State: DELHI PIN: 110005 MSME No: 0000000000000000 Email: kumaradit@gmail.com 04/12/2019 MANUFACTURING 1 | | | | | | | | | | | | | | | | | | | | | |
| MSME MSME 2 Digit MSME 3 Digit MSME 4 Digit MSME 5 Digit MSME 6 Digit MSME 7 Digit MSME 8 Digit MSME 9 Digit MSME 10 Digit MSME 11 Digit MSME 12 Digit MSME 13 Digit MSME 14 Digit MSME 15 Digit MSME 16 Digit MSME 17 Digit MSME 18 Digit MSME 19 Digit MSME 20 Digit MSME 21 Digit MSME 22 Digit MSME 23 Digit MSME 24 Digit MSME 25 Digit MSME 26 Digit MSME 27 Digit MSME 28 Digit MSME 29 Digit MSME 30 Digit MSME 31 Digit MSME 32 Digit MSME 33 Digit MSME 34 Digit MSME 35 Digit MSME 36 Digit MSME 37 Digit MSME 38 Digit MSME 39 Digit MSME 40 Digit MSME 41 Digit MSME 42 Digit MSME 43 Digit MSME 44 Digit MSME 45 Digit MSME 46 Digit MSME 47 Digit MSME 48 Digit MSME 49 Digit MSME 50 Digit MSME 51 Digit MSME 52 Digit MSME 53 Digit MSME 54 Digit MSME 55 Digit MSME 56 Digit MSME 57 Digit MSME 58 Digit MSME 59 Digit MSME 60 Digit MSME 61 Digit MSME 62 Digit MSME 63 Digit MSME 64 Digit MSME 65 Digit MSME 66 Digit MSME 67 Digit MSME 68 Digit MSME 69 Digit MSME 70 Digit MSME 71 Digit MSME 72 Digit MSME 73 Digit MSME 74 Digit MSME 75 Digit MSME 76 Digit MSME 77 Digit MSME 78 Digit MSME 79 Digit MSME 80 Digit MSME 81 Digit MSME 82 Digit MSME 83 Digit MSME 84 Digit MSME 85 Digit MSME 86 Digit MSME 87 Digit MSME 88 Digit MSME 89 Digit MSME 90 Digit MSME 91 Digit MSME 92 Digit MSME 93 Digit MSME 94 Digit MSME 95 Digit MSME 96 Digit MSME 97 Digit MSME 98 Digit MSME 99 Digit MSME 100 Digit MSME 101 Digit MSME 102 Digit MSME 103 Digit MSME 104 Digit MSME 105 Digit MSME 106 Digit MSME 107 Digit MSME 108 Digit MSME 109 Digit MSME 110 Digit MSME 111 Digit MSME 112 Digit MSME 113 Digit MSME 114 Digit MSME 115 Digit MSME 116 Digit MSME 117 Digit MSME 118 Digit MSME 119 Digit MSME 120 Digit MSME 121 Digit MSME 122 Digit MSME 123 Digit MSME 124 Digit MSME 125 Digit MSME 126 Digit MSME 127 Digit MSME 128 Digit MSME 129 Digit MSME 130 Digit MSME 131 Digit MSME 132 Digit MSME 133 Digit MSME 134 Digit MSME 135 Digit MSME 136 Digit MSME 137 Digit MSME 138 Digit MSME 139 Digit MSME 140 Digit MSME 141 Digit MSME 142 Digit MSME 143 Digit MSME 144 Digit MSME 145 Digit MSME 146 Digit MSME 147 Digit MSME 148 Digit MSME 149 Digit MSME 150 Digit MSME 151 Digit MSME 152 Digit MSME 153 Digit MSME 154 Digit MSME 155 Digit MSME 156 Digit MSME 157 Digit MSME 158 Digit MSME 159 Digit MSME 160 Digit MSME 161 Digit MSME 162 Digit MSME 163 Digit MSME 164 Digit MSME 165 Digit MSME 166 Digit MSME 167 Digit MSME 168 Digit MSME 169 Digit MSME 170 Digit MSME 171 Digit MSME 172 Digit MSME 173 Digit MSME 174 Digit MSME 175 Digit MSME 176 Digit MSME 177 Digit MSME 178 Digit MSME 179 Digit MSME 180 Digit MSME 181 Digit MSME 182 Digit MSME 183 Digit MSME 184 Digit MSME 185 Digit MSME 186 Digit MSME 187 Digit MSME 188 Digit MSME 189 Digit MSME 190 Digit MSME 191 Digit MSME 192 Digit MSME 193 Digit MSME 194 Digit MSME 195 Digit MSME 196 Digit MSME 197 Digit MSME 198 Digit MSME 199 Digit MSME 200 Digit MSME 201 Digit MSME 202 Digit MSME 203 Digit MSME 204 Digit MSME 205 Digit MSME 206 Digit MSME 207 Digit MSME 208 Digit MSME 209 Digit MSME 210 Digit MSME 211 Digit MSME 212 Digit MSME 213 Digit MSME 214 Digit MSME 215 Digit MSME 216 Digit MSME 217 Digit MSME 218 Digit MSME 219 Digit MSME 220 Digit MSME 221 Digit MSME 222 Digit MSME 223 Digit MSME 224 Digit MSME 225 Digit MSME 226 Digit MSME 227 Digit MSME 228 Digit MSME 229 Digit MSME 230 Digit MSME 231 Digit MSME 232 Digit MSME 233 Digit MSME 234 Digit MSME 235 Digit MSME 236 Digit MSME 237 Digit MSME 238 Digit MSME 239 Digit MSME 240 Digit MSME 241 Digit MSME 242 Digit MSME 243 Digit MSME 244 Digit MSME 245 Digit MSME 246 Digit MSME 247 Digit MSME 248 Digit MSME 249 Digit MSME 250 Digit MSME 251 Digit MSME 252 Digit MSME 253 Digit MSME 254 Digit MSME 255 Digit MSME 256 Digit MSME 257 Digit MSME 258 Digit MSME 259 Digit MSME 260 Digit MSME 261 Digit MSME 262 Digit MSME 263 Digit MSME 264 Digit MSME 265 Digit MSME 266 Digit MSME 267 Digit MSME 268 Digit MSME 269 Digit MSME 270 Digit MSME 271 Digit MSME 272 Digit MSME 273 Digit MSME 274 Digit MSME 275 Digit MSME 276 Digit MSME 277 Digit MSME 278 Digit MSME 279 Digit MSME 280 Digit MSME 281 Digit MSME 282 Digit MSME 283 Digit MSME 284 Digit MSME 285 Digit MSME 286 Digit MSME 287 Digit MSME 288 Digit MSME 289 | | | | | | | | | | | | | | | | | | | | | | |

| BUREAU OF INDIAN STANDARDS | | | |
|---|---|---|---------------------|
| Attachment to Licence No. CML- 0003259864 | | | |
| CML-No | Name of the Licensee with the Factory Address | Name of the Product | Indian Standard No. |
| 0003259864 | UNITECH CABLES-A-63 FIRST FLOOR, JHILMIL INDUSTRIAL AREA, Delhi : 110095 | POLYVINYL CHLORIDE INSULATED UNSHEATHED AND SHEATHED CABLES CORDS WITH RIGID AND FLEXIBLE CONDUCTOR FOR RATED VOLTAGES UP TO AND INCLUDING 1100 V | IS 694 : 2010 |
| <p align="center">Endorsement No. 18 Dated 30-Nov-2025</p> <p>Whereas, the licence was valid upto First December Two Thousand Twenty Five.</p> <p>Now, consequent upon renewal, the validity of the licence given in schedule of the Licence Dated 30-NOV-2025 has been extended from First December Two Thousand Twenty Five to Thirty November Two Thousand Twenty Six.</p> <p>Other terms and conditions of licence remain same.</p> <p align="center">Bureau Head (Delhi Branch Office - II)</p> | | | |

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Branch Head (Delhi Branch Office - II)



In-House PVC Compounding

- In-house PVC compounding for insulation and sheath
- Full control of formulation and thermal stability
- Custom FR / FRLS / FRLSH cable compounds
- Batch-wise electrical and mechanical testing
- RoHS-compliant materials, lead-free option
- Precision temperature-controlled mixing
- Filtration for impurity-free compound
- In-house masterbatch for shade and UV stability
- Moisture-controlled material handling
- Complies with IS 694 / IS 8130 / IEC 60227
- Complete batch traceability



Brief Introduction:

ZIPCON CABLES is one of the fastest growing Electrical Companies in India since the last three decades. We are a leading manufacturer of a wide range of electrical products for Domestic, Agricultural, and Industrial use. The company has established its position as a front runner due to its reliable and high-quality products, reflected in customer approvals that meet stringent technical and safety requirements. Our products are manufactured using the latest technology in a well-equipped plant, supported by advanced R&D facilities and an experienced workforce. At ZIPCON, we believe in growing stronger and better to deliver the best quality products to our customers.

Quality Policy:

The firm belief of the company in “Total Quality Assurance” in all **ZIPCON** products is based on customer needs and expectations. Various steps and procedures are adopted to ensure consistent quality and to meet specific requirements, leading to total customer satisfaction. Our objectives are:

1. To maintain a quality system that complies with Bureau of Indian Standards specifications IS: 694.
2. To maintain a quality management system that complies with ISO 9001:2015.
3. To engage vendors who share a strong commitment to quality.

Mission:

Building customer confidence by providing a wide range of quality products. Keeping the pace with new innovations and development acting with complete integrity, by carrying out to the highest standards.

Vision:

To design a competitive intelligence system to ascertain our position a market leader. Which in turn helps into balance a customer versus competitor orientation.



ALUMINIUM SERVICE WIRE

APPLICATION

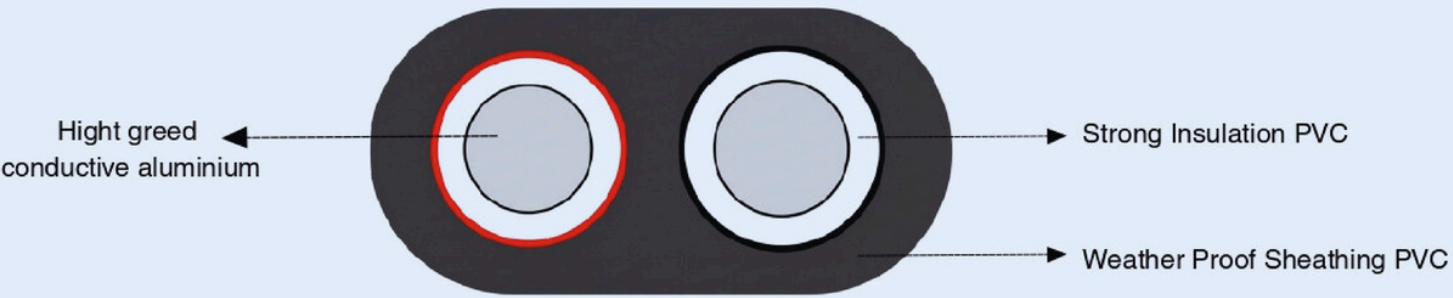
Aluminium service wire connects the utility power line to a building’s main panel. Made from lightweight aluminium alloy with PVC or XLPE insulation, it offers a cost-effective, durable solution for residential, commercial, and industrial power distribution.

FEATURES

- Lightweight and easy to install
- Cost-effective alternative to copper
- High electrical conductivity
- Durable PVC or XLPE insulation
- Corrosion and heat resistant
- Suitable for indoor and outdoor use
- Complies with electrical safety standards

TECHNICAL DETAILS

- **Conductor Material:** Aluminium or aluminium alloy
- **Insulation Type:** PVC or XLPE
- **Voltage Rating:** Up to 600/1100 V (as per application)
- **Temperature Range:** -15°C to +90°C (XLPE up to 105°C)
- **Conductor Type:** Solid or stranded
- **Color Code:** Black, red, or as specified
- **Application:** Service-entrance and feeder wiring
- **Standards:** Complies with IS, IEC, or equivalent codes



SPECIFICATION TABLE

| Area (sq mm) | Wire dia (mm) | Rated current (A) | Max DC current (A) | Typical load (W @230V) |
|--------------|---------------|-------------------|--------------------|------------------------|
| 0.75 | 1.0 | 6.0 | 8.0 | 1380.0 |
| 1.0 | 1.13 | 8.0 | 10.0 | 1840.0 |
| 1.5 | 1.38 | 12.0 | 14.0 | 2760.0 |
| 2.5 | 1.78 | 18.0 | 22.0 | 4140.0 |
| 4.0 | 2.25 | 24.0 | 30.0 | 5520.0 |
| 6.0 | 2.76 | 32.0 | 38.0 | 7360.0 |
| 10.0 | 3.57 | 45.0 | 55.0 | 10350.0 |
| 16.0 | 4.51 | 60.0 | 72.0 | 13800.0 |
| 25.0 | 5.64 | 80.0 | 95.0 | 18400.0 |

APPLICATION

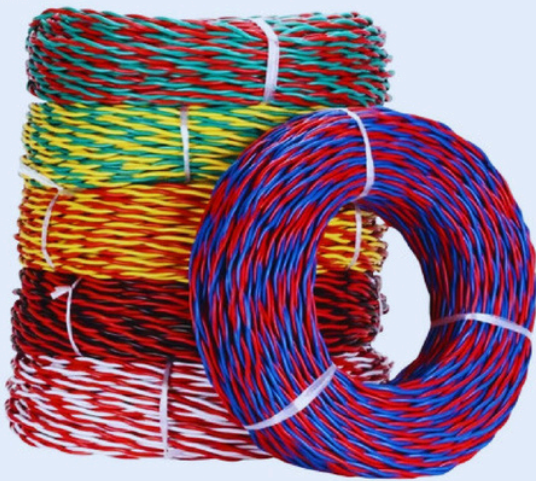
Ideal for LED strings and low-voltage systems. Flexible for easy routing across balconies, ceilings, temples, and outdoor setups during festivals. Durable twisted design ensures stable current flow for long lighting runs.

FEATURES

- **Copper Conductor:** Twisted for steady current flow
- **Flexibility:** Easy to route and shape around décor
- **Weight:** Lightweight for fast installation
- **Lighting Support:** Ideal for LED strings, serial lights, jhalar lights
- **Voltage Stability:** Suitable for long festive lighting runs
- **Insulation:** Safe for household decorative applications
- **Usage:** Indoor and outdoor festive setups

TECHNICAL DETAILS

- **Conductor Material:** Copper
- **Conductor Type:** Multi-strand twisted pair
- **Conductor Size:** 0.5 sq.mm to 1.0 sq.mm (varies by build)
- **Insulation Material:** PVC / flexible grade
- **Voltage Rating:** Up to 300V (household low-voltage lighting circuits)
- **Temperature Range:** -15°C to +70°C (standard PVC operation)
- **Insulation Properties:** Flame-retardant PVC
- **Flexibility:** High flex for easy routing
- **Application Category:** Decorative and festival lighting circuits



SPECIFICATION TABLE

| Conductor Area | Strand Construction | Approx. Outer Diameter | Typical Application |
|----------------|---------------------|------------------------|--------------------------------|
| 0.30 sq.mm | 7/0.20 mm | 1.8 - 2.2 mm | LED strings, jhalar lights |
| 0.50 sq.mm | 16/0.20 mm | 2.5 - 3.0 mm | Decorative LEDs, serial lights |
| 0.75 sq.mm | 24/0.20 mm | 3.0 - 3.5 mm | Balcony & indoor lighting |
| 1.00 sq.mm | 32/0.20 mm | 3.5 - 4.0 mm | Outdoor festive lighting |



SOLAR CABLE

APPLICATION

Solar cables are designed for photovoltaic power systems, suitable for both fixed and flexible installations. They can be used indoors, outdoors, underground, or in hazardous and agricultural environments.

FEATURES

- Rated for high-power systems up to 2.0 kV DC.
- UV, ozone, and weather resistant for long outdoor life.
- Resistant to oils, acids, alkalis, and ammonia.
- Low-smoke and better flame-retardant design for safety.
- Tin-plated copper for superior conductivity and corrosion resistance.

TECHNICAL DETAILS

Thermal parameters

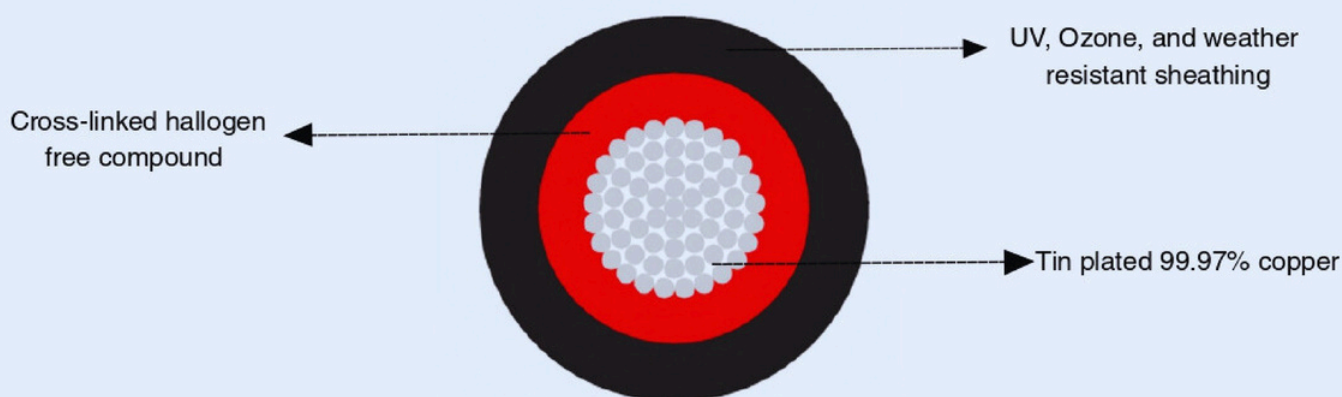
- Max ambient temperature $+90^{\circ}\text{C}$
- Designed for harsh climates from -40°C to $+90^{\circ}\text{C}$ ambient
- Sustains continuous conductor temperature up to $+120^{\circ}\text{C}$
- Withstands $+250^{\circ}\text{C}$ short-circuit heat for 5 seconds

Electrical parameters

- **Voltage rating:** AC 0.6/1.0 kV
- **Max PV system voltage:** DC 2.0 kV
- **Max operating voltage:** AC 0.7/1.2 kV, DC 0.9/1.8 kV
- **Test voltage:** AC 6.5 kV / DC 15 kV (15 min)

Construction parameters

- **Conductor:** Fine tinned copper per BS EN 60228 Class 5
- **Insulation:** UV-resistant, cross-linked, halogen-free, flame-retardant compound
- **Core ID:** Red, black, or natural
- **Sheath:** UV-resistant, cross-linked, halogen-free, flame-retardant compound
- **Cable colors:** Red, black, black with red stripe





SPECIFICATION TABLE

| Nominal Cross-Sectional (Sq. mm) | Insulation Thickness (mm) | Outer sheath Thickness (mm) | Approx. Cable Diameter (mm) as per EN 50618 | Current carrying capacity according to method of installation | | | Max. Conductor Resistance at 20°C, (Ω/Km) |
|--|---------------------------------|-----------------------------------|---|--|----------------------------------|---|---|
| | | | | Single cable free in air (A) | Single cable on a surface (A) | Two loaded cables touching, on a surface (A) | |
| 1.5 | 0.70 | 0.80 | 4.66 | 30 | 29 | 24 | 13.7 |
| 2.5 | 0.70 | 0.80 | 5.09 | 41 | 39 | 33 | 8.21 |
| 4.0 | 0.70 | 0.80 | 5.59 | 55 | 52 | 44 | 5.09 |
| 6.0 | 0.70 | 0.80 | 6.13 | 70 | 67 | 57 | 3.39 |
| 10.0 | 0.70 | 0.80 | 7.07 | 98 | 93 | 79 | 1.95 |
| 16.0 | 0.70 | 0.90 | 8.32 | 132 | 125 | 107 | 1.24 |
| 25.0 | 0.90 | 1.00 | 10.14 | 176 | 167 | 142 | 0.795 |
| 35.0 | 0.90 | 1.10 | 11.49 | 218 | 207 | 176 | 0.565 |
| 50.0 | 1.00 | 1.20 | 13.33 | 276 | 262 | 221 | 0.393 |
| 70.0 | 1.10 | 1.20 | 15.19 | 347 | 330 | 278 | 0.277 |
| 95.0 | 1.10 | 1.30 | 16.94 | 416 | 395 | 333 | 0.210 |
| 120.0 | 1.20 | 1.30 | 18.71 | 488 | 464 | 390 | 0.164 |
| 150.0 | 1.40 | 1.40 | 20.86 | 566 | 538 | 453 | 0.132 |
| 185.0 | 1.60 | 1.60 | 23.24 | 644 | 612 | 515 | 0.108 |
| 240.0 | 1.70 | 1.70 | 26.14 | 755 | 736 | 620 | 0.0817 |

SUBMERSIBLE 3 CORE FLAT CABLE

APPLICATION

They are mainly used to supply power to pumps, these cables are specially manufactured keeping in mind the severe, tough and difficult conditions in which they are used.

FEATURES

- Better finish and strength for heavy duty applications.
- High abrasion & weather resistant.
- Superior flame resistant.

TECHNICAL DETAILS

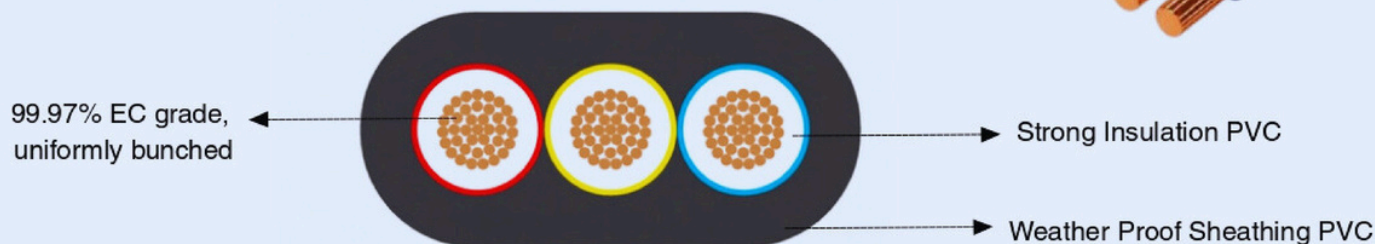
Conductor : 99.97% EC grade, uniformly bunched

Core Colours : Red, yellow (centre core), blue

Sheath Colour : Black/Blue

Voltage Grade: Upto and including 1100V

Packing: 500mtr in coils.



SPECIFICATION TABLE

| Conductor Area (in Sq. mm) (Nominal) | No. of strands and Diameter (Nominal) | PVC Insulation in mm (Nominal) | Sheath Thickness in mm (Nominal) | Approx. Overall Dimensions (in mm) | | Approx Conductor Resistance at 20°C Ω / km | Current Carrying Capacity at 40°C in Amps |
|--|---|--------------------------------------|--|---------------------------------------|-----------|--|---|
| | | | | Width | Thickness | | |
| 1.5 | 22/0.30 | 0.80 | 1.15 | 12.60 | 6.00 | 12.10 | 14.0 |
| 2.5 | 36/0.30 | 0.90 | 1.15 | 14.45 | 6.40 | 7.41 | 18.0 |
| 4.0 | 56/0.30 | 1.00 | 1.15 | 16.60 | 7.40 | 4.95 | 26.0 |
| 6.0 | 84/0.30 | 1.00 | 1.15 | 18.15 | 7.90 | 3.30 | 31.0 |
| 10.0 | 140/0.30 | 1.00 | 1.40 | 23.20 | 9.90 | 1.91 | 42.0 |
| 16.0 | 226/0.30 | 1.00 | 1.40 | 27.20 | 11.40 | 1.21 | 57.0 |
| 25.0 | 354/0.30 | 1.20 | 2.00 | 35.20 | 14.70 | 0.780 | 72.0 |
| 35.0 | 495/0.30 | 1.20 | 2.00 | 39.20 | 16.20 | 0.554 | 90.0 |
| 50.0 | 703/0.30 | 1.40 | 2.20 | 45.50 | 18.30 | 0.386 | 115.0 |
| 70.0 | 988/0.30 | 1.40 | 2.20 | 51.00 | 20.00 | 0.272 | 143.0 |
| 95.0 | 1349/0.30 | 1.60 | 2.40 | 60.00 | 23.50 | 0.206 | 165.0 |

MULTI CORE ROUND CABLES



APPLICATION

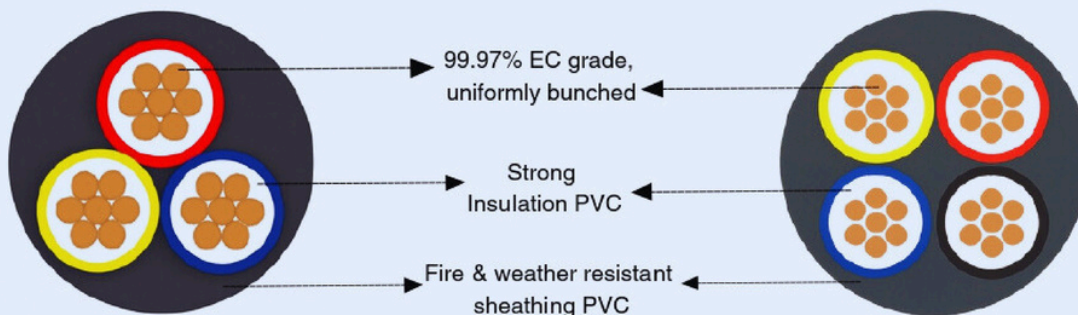
For use in connections of household appliances, plant and machinery, Flexible & Cord Cables and Residential and Commercial Infrastructure projects.

FEATURES

- Durable for heavy-duty use.
- Superior weather resistance.
- Better flexibility for easy handling.
- Enhance thermal strength & fire resistance.

TECHNICAL DETAILS

- **Standard:** IS 694:2010
- **Voltage:** Up to 1100 V
- **Sizes:** 2, 3, 4 cores (0.5-16 Sq.mm)
- **Conductor:** Electrolytic copper, Class 5 (IS 8130)
- **Insulation:** PVC, 70°C (IS 5831)
- **Sheath:** PVC, 70°C (IS 5831)
- **Colours:** Black, Ivory White, Grey
- **Packaging:** Standard 90 mtr coils.



SPECIFICATION TABLE

| Conductor nominal area in Sq.mm | Number & nominal diameter of wire in No./mm | Resistance (Maximum) per km. @ 20°C in Ohm | Nominal thickness of insulation in mm | Nominal thickness of sheath in mm | | | Approximate over all diameter in mm | | | Current carrying capacity in Ampere (Unenclosed - clipped directly to a surface or on cable tray) | |
|---------------------------------|---|--|---------------------------------------|-----------------------------------|--------|--------|-------------------------------------|--------|--------|---|---|
| | | | | 2 Core | 3 Core | 4 Core | 2 Core | 3 Core | 4 Core | 2 Core & 3 Core Cables for Single Phase AC DC/ | 3 Core & 4 Core Cables for Three Phase AC |
| 0.50 | 16/0.2 | 39.0 | 0.6 | 0.9 | 0.9 | 0.9 | 6.2 | 6.5 | 7.0 | 4 | 4 |
| 0.75 | 24/0.2 | 26.0 | 0.6 | 0.9 | 0.9 | 0.9 | 6.5 | 6.9 | 7.5 | 7 | 7 |
| 1.0 | 32/0.2 | 19.5 | 0.6 | 0.9 | 0.9 | 0.9 | 6.9 | 7.4 | 8.0 | 12 | 10 |
| 1.5 | 30/0.25 | 13.3 | 0.6 | 0.9 | 0.9 | 1.0 | 7.5 | 8.0 | 8.7 | 16 | 14 |
| 2.5 | 48/0.25 | 7.98 | 0.7 | 1.0 | 1.0 | 1.0 | 8.9 | 9.4 | 10.3 | 20 | 18 |
| 4.0 | 56/0.3 | 4.95 | 0.8 | 1.0 | 1.0 | 1.0 | 10.1 | 10.8 | 11.9 | 27 | 24 |
| 6.0 | 84/0.3 | 3.30 | 0.8 | 1.1 | 1.2 | 1.2 | 11.5 | 12.4 | 13.6 | 34 | 30 |
| 10.0 | 80/0.4 | 1.91 | 1.0 | 1.3 | 1.4 | 1.4 | 14.7 | 15.8 | 17.5 | 44 | 39 |
| 16.0 | 126/0.4 | 1.21 | 1.0 | 1.4 | 1.4 | 1.4 | 17.0 | 18.1 | 20.0 | 61 | 55 |

CLIENTS & APPROVALS

DEPARTMENT

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