

PROFILE



Unique[®]
CABLES

Go Ahead,
Get Connected...



9001 : 2008



14001 : 2004



RoHS COMPLIANT



CE



ISI



ENGINEERING THE FUTURE



MICRO, SMALL & MEDIUM ENTERPRISES



CERTIFIED CO.

It's better to be
"Unique" than the best.
Because the Best makes
you number one,
But,
"Unique" makes
You the only One.





The Requirement of Cables has been Increasing Day by Day.

Due to the numerous cable manufacturers in India, the general people are at their wits end to decide which 'Brand' reflects the quality & performance of cables. Therefore in order to invent a Brand Name that the mass can trust upon, we offer dependability called "UNIQUE CABLES".

It is "UNIQUE" due to differentiation in the quality, product development and accurate application as per customer's need & satisfaction. To achieve this goal, we have rendered the services of highly qualified engineers using state of the art technologies. "UNIQUE" Brand has inherited the experience of over 40 years from its mentor directors.

Since inception, the promoters have been among the core assets of "UNIQUE CABLES", having experience of more than four decades in Marketing, administration and Production of quality oriented cables. "UNIQUE" brand cables are tested and approved by Bureau of India Standards and we have been granted the licenses of Indian Standard to mark our cables as "ISI" - the renowned and most acceptable sign of quality in India.

We are one of the very few companies in India who have got International Certifications such as "ISO 9001-2008" for Quality Management System, "ISO 14001:2004" for Environmental management system & "CE" (European Certification). The only secret behind the success story of UNIQUE cables lies in the belief that quality is not an accident but a desired consequence of intelligent efforts and regular inspection at every stage of production.

Our unit is well equipped with state of the art plant and machinery to meet production targets. To ensure the quality of material, we have acquired a well-equipped laboratory with all advanced equipment of reputed make and standard.

Our quality control department is manned by qualified and competent electrical engineers. UNIQUE ensures that quality product can be manufactured only when the best quality raw material is used to materialise this target, the inspection is conducted regularly, starting from the incoming raw material, carrying through the various stages with meticulous care for achieving good & our designed compaction, conductivity and required levels of insulation.

The secret of UNIQUE'S phenomenal success emanates from its in-house reservoir of skilled manpower, alert research & development, personnel and incisive management executives who have an in-depth knowledge of the UNIQUE challenges ahead, and have the dedication, grit and perseverance to face and surmount them.

The ultimate parameters of UNIQUE growth and progress rest in UNIQUE'S outlook into the future, a future fraught with grater targets, stiffer competition and more dedication. UNIQUE is aware of the fact that the present infrastructure of well-equipped laboratories and extensive marketing network has to be effectively refurbished to meet the environment of tomorrow. Whenever you buy UNIQUE CABLES, we buy the responsibility of looking after you.

Certificates



Certificate of Registration

CE

QACS-HEATFLEX-0879-
HEATFLEX CABLES PV
H-1464, D.S.I.D.C. NARELA INDUSTRIAL A

That the following described product in our delivered version complies with the requirements of the 2006/95/EC Low Voltage Directive based on its design and type, as brought into circulation by us. In case of alteration of the product not agreed upon by us, this declaration will lapse its validity.

Products:- PVC Insulated Wires & Cables (upto 1100 V & 5KVA)

Product Commercial Brand:- Unique Cables

Product Types / Models:- Wire & Cables

Applicable EC Directives:- 2006/95/EC

Applicable Harmonized Standards/ National Technical Standards:- IS: 694-1990, IS: 1554 (Pt-1), IS: 1554 (Pt-2), & IS: 7095-1988, IS: 9968 (Pt-1)-1988, IS: 9857/1990 IEC: 60332-1-3, IEC 60189-1

Test Reports No.:- QML/M-18/487 & E-1274

Certificate Issue Date:- 20/12/2012

CMD
QA Certification Services Pvt. Ltd.
A3, Newkarnth Bhawan Part - 2
Main Suraj Road, Delhi - 110 084
Ph: 9811740561, 011 - 65642903
E-Mail: info@qacertification.asia

Director (IAB)

www.qacertification.asia
www.qacertification.in
www.qacertification.net
www.qacertification.org



Certificate of Registration

This is to certify that
The Quality Management System
of
HEATFLEX CABLES
H - 1464, D.S.I.D.C. NARELA INDUSTRIAL
DELHI - 110 080
(INDIA)
has been found to conform to the Quality Management System
ISO 9001:2004

This certificate is valid for the following Product or
**MANUFACTURING & SUPPLY OF 1100
INSULATED AND SHEATHED POWER C
CABLES, FIRE RETARDANT HOUSE WI
FLEXIBLE CABLES, WEATHER PROG
CABLE, SPECIAL INSTRUMENTATION
CUSTOMISED CABLE**

CERTIFICATE NO. PCMS/087
ISSUED ON: 26/08/2012
VALIDITY DATE: 26/08/2015
SUBJECT TO SUCCESSFUL SUPERVISORY ASSESSMENT

IAF (INTERNATIONAL ASSOCIATION OF CERTIFICATION BODIES)

JAS-ANZ (JAPAN ASSOCIATION OF SUPPLYING ORGANISATIONS)

Authorised as
CHAIRMAN, DIRECTOR
P.C. MANAGEMENT SYSTEM PVT. LTD.
C-10, Sector-10, Gurgaon, Haryana, India
www.pcmst.com, Tel: 01299-420000



Registration Certificate

This is to certify that the
Management System of
Heatflex Cables Pvt. Ltd.
have been assessed by
International Certifications Ltd
and found to comply with the requirements of
ISO 14001:2004

ICL
Managing Director
JAS-ANZ
Certification Number

Authorised as
CHAIRMAN, DIRECTOR
P.C. MANAGEMENT SYSTEM PVT. LTD.
C-10, Sector-10, Gurgaon, Haryana, India
www.pcmst.com, Tel: 01299-420000



REGAL QUALITY REGISTRARS, INC.

CERTIFICATE
Certificate of Compliance

ICL (International Certifications Ltd) hereby
certifies that the Management System of
Heatflex Cables Pvt. Ltd. has been assessed
and found to comply with the requirements of
ISO 14001:2004

Product: PVC Insulated Wires & Cables (upto 1100 V & 5KVA)

Manufacturer: Heatflex Cables Pvt. Ltd.

Address: H-1464, D.S.I.D.C. NARELA INDUSTRIAL AREA, DELHI - 110 080, INDIA

Product Description: PVC Insulated Wires & Cables (upto 1100 V & 5KVA)

Assessment Method: On-site audit, 100% of the production process, 100% of the production process, 100% of the production process

Report Number: PCMS/087

Issue Date: 26/08/2012

Valid Until: 26/08/2015

ICL
Managing Director
JAS-ANZ
Certification Number

Authorised as
CHAIRMAN, DIRECTOR
P.C. MANAGEMENT SYSTEM PVT. LTD.
C-10, Sector-10, Gurgaon, Haryana, India
www.pcmst.com, Tel: 01299-420000

Product Range

- | | | |
|-----|--|---|
| 1. | LT Power Cables (XLPE / PVC) | Up to 400 sq. mm x 3.5 core & 1000 sq. mm x 1 core |
| 2. | Copper Control Cables (XLPE / PVC) | 1.5, 2.5, 4 & 6 sq. mm, up to 61 core |
| 3. | House Wires | FR/FRLS/ZHFR |
| 4. | Flexible Copper Single Core/Multi Core Cables | 1 Core up to 1000 sq. mm. & Multicore-Up to 400 sq. mm |
| 5. | CCTV Cables | 3+1, 4+1, 6+1 |
| 6. | Speaker Wire | 24/38, 40/38, 70/38 |
| 7. | Switch Board Wires | Up to 100 pairs |
| 8. | PVC Drop Wire | All Routine Sizes |
| 9. | Networking Cables | CAT5e, CAT 6, CAT5e (FSTP) |
| 10. | Coaxial Cables (Unarmoured / Armoured) | RG-59, RG-6 & RG-11 |
| 11. | Hook up Wire | All Routine Sizes |
| 12. | Submersible Flat Cables (Waterproof & Weatherproof) | 1.5 sq. mm to 6 sq. mm |
| | Submersible Flat Cables | 10 sq. mm to 185 sq. mm |
| 13. | Screened/Braided Flexible Cables | All sizes as per customer's requirement. |
| 14. | Individual and Overall Aluminium Mylar Shielded Armoured and Unarmoured Instrumentation Cables | All sizes as per customer's requirement. (Pair/Traid/Quard) |
| 15. | Thermocouple/Compensating Cables | All sizes as per customer's requirement |
| 16. | RS-Series | All Routine Sizes |
| 17. | Steel Wire Braided Cables | All sizes as per customer's requirement |
| 18. | PCM Cables | All sizes as per customer's requirement |
| 19. | Telephone Cables (Armoured/Unarmoured) | Up to 100 Pairs-Armd. & Unarmd. |
| 20. | VIR/TRS/EPR/PCP & CSP Trailing Multicore Rubber Cables | Up to 400 sq. mm |
| 21. | Silicon Fibre Glass Braided Cables | All Routine Sizes |
| 22. | Welding Cables | With General & HOFR Covering (CU-Al) |
| 23. | Marine Cables | All Routine Sizes. |
| 24. | Lift Cables | All Routine Sizes |
| 25. | Teflon Wires | 0.5 sq. mm to 300 sq. mm |
| 26. | HR Cables
(Copper/Kapton/Mica/PTFE/Mica/PTFE/Fibre/SS) | Up to 1200 Deg.C |
| 27. | Fibre Glass Cables | All required Sizes |
| 28. | Shot Firing Cables | All Routine Sizes |
| 29. | Double Wire Armoured Mining Cables | Up to 300 sq. mm |
| 30. | Triple Layer Coated Mining Cables | 16 sq. mm to 35 sq. mm x 3.5/4 core |
| 31. | Air Field Cables 5KV (Airport Lighting Cable) | 6 sq. mm, 16 sq. mm in 1&2 core in copper and 25 sq. mm x 2 core in Aluminium |
| 32. | Lead Cables For Airport | All required Sizes |
| 33. | Solar Cables (DC Cables) | 1.5 sq. mm to 240 sq. mm single core |
| 34. | Load Cell Cables | All Routine Sizes |
| 35. | Profibus Cables | All Routine Sizes |
| 36. | Fire Survival Cables | All Routine Sizes |
| 37. | Fire Alarm Cables | All Routine Sizes |

*We have the technical know - how & the capability to reach to the optimum level of customization as per the need & application.

GLIMPSE OF OUR RANGE

1. House Wires

Fire Retardant (FR)

Bunched conductors are insulated with specially formulated Fire Retardant compound with High insulation resistance values. FR properties enable the cable to withstand overload. The insulation is resistant to boiling water, steam and vapours and prevents ageing and cracking in kitchens, bathrooms, damp walls, chemical industries etc.

Flame Retardant Low Smoke (FRLS)

Bunched conductors are insulated with specially formulated Flame Retardant low smoke compound. During fire situation FRLS compound restricts the spread of flame, the emission of smoke is also less as compared to ordinary PVC cables.

Zero Helogen Flame Retardant (ZHFR)

Bunched conductors are insulated with specially formulated grade of Zero Helogen Flame Retardant compound. The insulation does not burn readily. It does not melt and drip to spread fire. The emission of smoke is negligible, transparent and non-toxic. The victims trapped in the fire do not suffer suffocation. Can be evacuated without much difficulty and the fire fighting is more convenient and effective.

RANGE: 0.5 sq. mm to 6 sq. mm



2. PVC Single Core & Multicore Industrial Wires & Cables

Application

Highly flexible conductors with a great variety of industrial use such as cable harnesses, panel wiring and power generation.

Description

1100 V Grade Multi Strand flexible annealed bare copper conductor, PVC Insulated and unsheathed single core flexible cables conforming to IS : 694/90.

RANGE: Single Core, Size : 0.5 sq. mm to 630 sq. mm

Description

1100 V Grade Multi Strand flexible annealed copper conductor, PVC Insulated and sheathed Multi - core flexible cables conforming to IS : 694/90.

RANGE: Multi-Core Sheathed Cables

- 0.5 sq. mm to 4 sq. mm upto 61 cores
- 6 sq. mm to 35 sq. mm upto 7 cores
- 50 sq. mm to 300 sq. mm upto 4 cores

Our Speciality

*Till 19 cores we provide all different colours for easy identification.



3. Submersible Cables

Application

Unique 3 Core Flat Cables are manufactured keeping in mind the severe and difficult conditions in which they are required to perform. The area of installation is physically restrictive, and the environment is every hostile. These are used to connect submersible pump motor with supply lines. The slot available in the tube well being narrow the shape of the cables has to be suited for such an application. Certain striking features of our Flat Submersible Pump cables include excellent resistance to water, moisture, abrasion, grease, oil, long flex life, excellent mechanical & electrical properties.

Description

1100 V Grade annealed bare electrolytic high conductivity multi stranded copper conductor polythelene coated, PVC insulated and overall matt finish sheathed flat 3 core waterproof and weatherproof submersible cables as per IS:694/1990.

- Range : 1.5 sq.mm to 6 sq.mm

Description

1100 V Grade annealed bare electrolytic high conductivity multi stranded copper conductor PVC insulated and overall matt finish sheathed flat 3 core submersible cables as per IS:694/1990.

- Range : 10 sq.mm to 185 sq.mm



4. PVC/XLPE Power & Control Armoured Cables

Application

Armoured cable is the name given to any electrical cable constructed with a layer of aluminium wire armour or steel wire/strip armour. The armour sits below the sheath of the cable to provide protection for the conductor and insulating layers. When electrical cable is required for use outside or in direct burial projects, it must have mechanical protection. Armour provide such protection-as well as enabling the cable to withstand higher pulling loads.

Description

1100 Volt. Grade Aluminium/Copper conductor XLPE/PVC insulated, cores laid up together, PVC inner sheathed type ST-1, G.I. wire/strip armoured outer PVC sheathed 600/1100 volts grade cable generally conforming to IS:7098/Part-I/1988&1554/pt-I/1988.

RANGE:

- Up to 400 sq. mm x 3.5 core & 1000 sq. mm x single core in aluminium cables
- 1.5, 2.5, 4 & 6 sq. mm, up to 61 core in copper cables



5. CCTV Cables

Application

For installation of professional cameras and security systems.

Description

CCTV cables composite structure of video & audio wire is capable of carrying video signal (75 ohms coaxial) with audio 12 volts power wire of 14/40 SWG.

RANGE: 3 + 1, 4 + 1 & 6 + 1



6. PCM Cables

Application

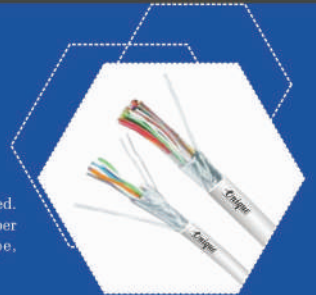
PCM cable or pulse code Modulation cable are doing the process of converting an Analog signal to a Digital signal or vice versa.

PCM cable carrier system combine the pulse code Modulation signals from many lines and transmit them over a single cable or other medium.

Description

Unique make PCM Cables, Annealed Tinned copper conductor, PE insulated and PVC sheathed. Individual & Overall shielded with Aluminum backed mylar taped with Annealed tinned copper conductor drain wire in continuous contact with aluminium side of tape, Armoured/Unarmoured Cable conforming to BS:5308/II/1986& IS:1554/Part-I/1988.

RANGE: 2 pair to 63 pair (0.5mm, 0.6mm, 0.7mm, 0.9mm)



7. Telephone Switch Board Cables

Application

These cables are used for indoor installation for the interconnection of Telephones, Telegraph & electronic equipment in domestic & Commercial buildings.

Description

Unarmoured Communication Telephone Cable, Annealed Tinned Electrolytic High Conductivity Copper Conductor PVC Insulated, Each Wire Twisted with its mate to form a pair and each pair Twisted and Bunched together in concentric layers to minimise Cross Talk, Moisture Proof Untapped/Melinex taped, PVC Sheathed with a Nylon Rip Cord conforming to TEC specification No.G/WIR/-06/02 MAY 94.

RANGE: 1 pair to 100 pair (0.41, 0.51 & 0.61mm)



8. Speaker Wire

Application

Speaker Wire, which is used to make the electrical connection between loudspeakers and audio amplifiers.

Description

It consists of two electrical conductors (TC-Tinned Copper/BC-Bare Copper) individually insulated by transparent PVC. Our product is featured with pair of wires for a powered line to power an electromagnet in the loudspeaker.

RANGE: 24 / 38, 40 / 38, 70 / 38



9. Networking Cable / LAN Cables

Application

A multipair (usually 4 Pair) high performance cable that consists of twisted pair conductors, used mainly for data transmission. Category 5E is recommended for all new and existing installations, supports a frequency range of up to 100MHZ and is designed for transmission speeds of up to 1 gigabit per second (Gigabit Ethernet).

Description

Unshielded/Shielded twisted pair UTP/FSTP LAN (Computer) cable

RANGE: CAT 5, CAT 6, CAT 5E (FSTP)



10. Co-Axial Cables

Application

High quality RG type coaxial cables, 75 ohms is suitable for many applications, including low power video, video signal and broadband signals.

Description

Electrolytic grade solid annealed bare copper conductor gas injected physical polyethylene foam emulated, wrapped with Aluminum Mylar tape and Alloy Braided (95%) Jelly flooded and PVC jacketing in Black color for low attenuation with minimum structured return loss under extreme weather conditions to give excellent signal quality giving clear reception on higher bandwidth covering more than 100 channels.

RANGE: RG-6, RG-11, RG-59, (Armoured & Unarmoured)



11. Screened/Braided Flexible Cables

Application

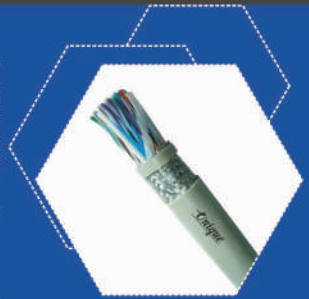
A shielded cable is an electrical cable of one or more insulated conductors enclosed by a common conductive layer. The shield may be composed of braided strands of copper or aluminium mylar tape, or a layer of conducting polymer. Usually, this shield is covered with a jacket. The shield acts as a Faraday cage to reduce electrical noise from affecting the signals, and to reduce electromagnetic radiation that may interface with other devices (see electromagnetic interference). The shield minimizes capacitively coupled noise from other electrical sources. The shield must be applied across cable splices.

In shielded signal cables the shield may act as the return path for the signal, or may act as screening only.

Description

UNIQUE make annealed tinned/bare Electrolytic high conductivity copper multi strand flexible conductor as per IS: 8130/1984 of class-5, PVC insulated as per IS:5831/1984, cores twisted together, Melinex taped, shielded with aluminium mylar taped and screened with tinned copper braiding, taped again & overall PVC sheathed as per BS 5308 Part-2 multi core instrumentation shielded Flexible cable.

RANGE: 0.2 sq.mm to 150 sq.mm (single core & multicore)



12. Individual & Overall/Overall Shielded Armd./Unarmd. Cables

Application

These Cables are designed to carry communication and control signal in a variety of installation types including those found in the petrochemical industry. The signals can be of analogue data or voice type and from a variety of transducers such as pressure, proximity or microphone. Collectively and individually screened pairs are available within the range where further signal security is required.

Unique Instrumental cable offers total interference free data transfer in measuring process-control & security systems. Instrumentation process in any industry is a very important factor for controlling various parameters during process. Microprocessor based control devices demand very low noise level & attenuation of signals in the cable. The calls for careful designing & manufacturing of cables with stringent quality control.

Description

Unique make signal cables, Annealed Bare/Tinned copper conductor, PVC insulated and sheathed, shielded with Aluminium backed mylar taped with Annealed tinned copper conductor drain wire in continuous contact with aluminium side of tape, instrumentation Armoured/Unarmoured Cable conforming to BS:5308/II/1986&IS:1554/Part-I/1988.

RANGE: 0.2 sq.mm to 2.5 sq. mm in cores, pairs, Triads & quads.



13. Thermocouple & Compensating Extension Cables

Application

Different metal pairs generate different emfs which is proportionate to the hot junction and the point where it is measured. Common combination of thermocouple metals.

Description

Extension leads of different metals but having similar EMF output between 0°C to 100°C connected between Thermocouple metals junction and the measuring instruments are called compensating cables which are generally recommended as solid conductor leads.



RANGE:

- 1 K-Chromel/Alumel-Most commonly used
 - 2 T-Cooper/Constantan for low temperature & cryogenic applications
 - 3 J-Iron/Constantan used in reducing atmosphere
 - 4 E-Chromel/Constantan Highest EMF output
 - 5 R-(Platinum-13% Rhodium)/Platinum & S-(Platinum-10% Rhodium) /Platinum very high temperature measurements.
 - 6 B-(Platinum-30% Rhodium)/Platinum mainly used in glass industry
- Different colour codes of cores and sheathing as per international practices are used to denote the various thermocouple cables

14. Rubber Trailing Cables

Application

These cables are designed to provide high flexibility and have the capacity to withstand weather, oils/greases, mechanical and thermal stresses. Application include handling equipment mobile power supplies, worksites, CRD stage and audio visual equipment, port areas and dams. Also for use in drainage and water treatment, cold environment and severe industrial environments.

Description

1.1 KV grade, ATC (Annealed Tinned Copper) conductor conforming to IS:8130/1984 class-V, Melinex taped, VIR (Vulcanized Rubber) type IE-1 insulated or EPR (Ethylene propylene Rubber) type IE-2 insulated conforming to IS:6380/1984, colour coded, cores laid-up with suitable center filler & overall TRS (Tough Rubber) type SE-1/SE-2 sheathed or HD-HOFR (Heat, Oil Resisting & Flame Retardant) PCP (Poly-Chloroprene) Type SE-3/SE-4 sheathed conforming to IS:6380/1984, Flexible Trailing cables conforming to IS:9968 (pt-I)1988.

RANGE: 1.5 sq.mm x to 300 sq.mm (Single & Multi Core)

*For CRD application : Nylon yarn reinforcement will be provided between inner and outer sheath.



15. PTFE Cables

Application

Equipment wire for high performance aerospace applications. PTFE wires are used in severe environmental conditions.

Description

PTFE Insulated Silver/Nickle/Tin Plated and Bare copper hook up wires, Our PTFE insulated SPC/TPC/NPC wires, are being used in electronic equipment, railway , aircrafts, aerospace research, radar, satellites, heatsensing leads, atomic power station, telephone-exchange etc. Our Bare copper insulated wire are being used in house wiring and other electrical application like transformers, Invertors, Stabilizers, A.C. refrigeration equipment etc. it can withstand temperature upto 250°C.

RANGE: 1.5 sq.mm to 300 sq.mm (Single & Multi Core)



16. Silicon Fibre Cables

Application

Typical industrial applications include food processing packaging, refrigeration furnaces and lighting.

Description

1.1 KV grade, Multistrand Annealed Tinned Copper (ATC) Conductor as per IS:8130/1984 class-V, Melinex taped, Silicon Rubber Insulated type (IE-5) as per IS:6380/1984 & overall Fiber glass Braided with silicon varnished Rubber Flexible Cable for 200°C as per IS:9968/Pt-1/1988.

RANGE: 1.5 sq.mm to 300 sq.mm (Single & Multi Core)



17. Welding Cables

Application

For the transmission of high currents from the electric welding machine to the welding tool. Suitable for flexible use under rough conditions, on assembly lines and conveyor systems, in machine tool and motor car manufacturing, ship, building, for manually and automatically operated line and spot welding machines.

Description

Annealed Bare Copper/Aluminium conductor as per IS:8130/1984, TRS /HD HOFR sheathed as per IS:6380/84 Flexible Welding Cable to IS:9857/1990.

RANGE: 16 sq.mm to 120 sq.mm



18. Fibre Glass Cables

Application

Fibre glass cables is used extensively as motors, transformers, lead wire and at places where conventional PVC wire is not suitable.

Description

Tinned Copper stranded wires twice wounded opposite and well overlapped with polyester films braided with fibreglass yarn and impregnated with class insulating thermosetting varnish flexible up to temperature from 70°C to 200°C. Resists moisture chemicals, flames fungus radiation, corona discharged and acids ozone attack and even manages to retain excellent de electric properties when burnt.

RANGE: 0.5 sq.mm to 630 sq.mm (Single & Multi Core)



19. Telephone Armoured Cables

Application

Used for primary and secondary underground (Direct Buried) distribution networks.

Description

telecommunication Armoured Cable, Annealed Tinned Electrolytic Copper Conductor PVC Insulated and PVC Sheathed, Twisted Pairs with Standard together in Concentric Layers to minimise Cross Talk and wrapped with Melinex/PVC tape, Armoured with G.I. Wire/Strip as Taped, PVC Sheathed with a Nylon Rip Cord confirming to "TEC" specification No. G/WIR/-06/02 MAY94.

RANGE: 1 Pair to 100 Pair (0.41, 0.51 & 0.61 mm)



20. Triple Coated Mining Cables

Application

Intended for use in machinery, marble industry, lifting platforms, conveyor and transport belts, agricultural equipment, construction machinery or trucks with high chemical, thermal or mechanical stress.

Description

1100 V Annealed Bare Electrolytic high Conductivity Copper Flexible Conductor PVC Insulated Triple Layered PVC Sheathed Mining Cable

RANGE:

16 sq.mm x 3.5 core, 16 sq.mm x 4 core, 25 sq.mm x 3.5 core

25 sq.mm x 4 core, 35 sq.mm x 4 core



21. Fire Alarm Cables

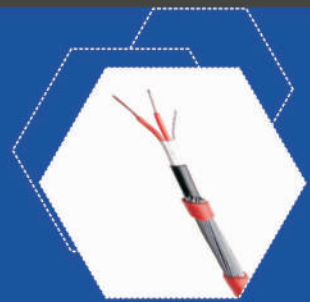
Application

Fire Alarm cable are used for the wiring of fire systems, fire protective circuits, burglar Alarms, smoke detectors and alarms and voice communications.

Our fire alarm cables consist of high temperature electrical wire and its temperature rated upto 90 degrees C. For applications that require a high level of mechanical protection and shielding, our Heavy-Duty fire alarm cable is heat and moisture resistant has high dielectric strength, is flame and light resistant and also chemical and radiation resistant.

Description

Annealed Tinned electrolytic grade stranded/Solid copper conductor as per IS: 8130/1984, PE insulated, Cores twisted together suitably to form a pair, wrapped with Polyester taped, shielded with Aluminium backed mylar taped with 25% overlapping along with Annealed tinned copper conductor drain wire of 0.50 Sqmm in continuous contact with aluminium side of tape. Inner PVC sheathed (Red), G.I. Wire Outer FRLS PVC sheathed 600/1100 Volts grade cable generally conforming to BS:5308/II/1986 & IS:1554/Part-I/1988.



22. Fire Survival Cables

Application

In the event of fire, conventional cables are found to be unsatisfactory because of their limitations to withstand the higher temperature and emissions of excessive dark smoke corrosive and toxic gases which makes the fire fighting and rescue operations extremely difficult apart from power failures. Fire survival demonstrates exceptional capabilities for prolonged functionality for circuit and data integrity in extreme fire conditions. The fire survival cable systems are made of inorganic materials which do not burn, emit smoke or gas and which survive the harshest fire conditions. These systems are designed for life-critical and fire management systems where life safety is dependent on cable/system functionality for prolonged periods. These cables are designed to remain functional for 30 minutes when subjected to 830°C & enhanced grade cables for 180 minutes when subjected to 930°C Fire survival cables are cables that are designed to continue to operate for a defined minimum period of time during a fire. Used in circuits that must be able to maintain their integrity during a fire. The main application for fire survival cables is in fire alarm systems, must continue to operate for a specified period in the event of a fire. In addition to fire alarm systems, these types of cable may also be used in other safety critical wiring circuits, such as those powering emergency lighting and sprinkler pumps.

Description

Stranded copper conductor covered with layers of Mica glass tape, XLPE insulated cores laid up, extruded FRLS/ZHFR inner sheathed Unarmoured/GI armoured, extruded FRLS/ZHFR outer sheathed fire survival cables generally conforming to IEC. 60331, BS 7846 & BS 6387 category CWZ.



23. Profibus Cables

Application

Standard profibus DP cable for stationary application and specially designed for last assembly. This cable complies exactly with the PROFIBUS DP cable specifications (200m at 1.5 Mbps or 100m at 12 Mbps) Due to its double shielding and acceptable shield resistance it is suitable for installation in EMC demanding areas.

Description

Annealed Tinned Electrolytic high conductivity copper solid conductor, Foam PE insulated, cores twisted together in a form of pair, Melinex taped, Shielded with aluminium mylar taped (25% overlap) and screened with tinned copper (90%), taped again & overall PVC sheathed type ST-2 cable (Purple Colour) Profibus cables.

RANGE: upto 400 sq. mm x 3.5 core (Al/Cu)



24. Load Cell Cables

Application

Load cells cable are used in multiple load cell weighting systems. Load cells should be electrically connected in such a way that signal (output) lines, excitation (power supply) and sense (when present) lines are in parallel. Usually the connection is not made at the indicator, but in a separate housing, a so called junction box, located adjacent to the weighting system.

Description

UNIQUE make annealed tinned Electrolytic high conductivity copper strand conductor as per IS:8130/1984 of class-2. PVC insulated as per IS:5831/1984, cores (Red, Green, Black, White) twisted together, Spiral mylar taped 50% over lap and screened with tinned copper braiding (90%), overall PVC sheathed Load Cell Flexible cable.



25. Steel Braided Cables

Application

These cables are used mainly in an environment where high-speed signals are transmitted and also where there is a possibility of mechanical damage. They can be widely used for communication and also transmission of control signals, in communication equipment, measuring equipment, robots and other equipment for industrial and shipping applications.

Description

Unique Make, Copper Conductor, Single Core / Multi Core / Multi Pair, PVC / XLPE insulated, Steel Wire Braided (Armouring), PVC / PVC-ST2/FR/FRLS sheathed cables to provide flexibility and added mechanical protection.

RANGE: 0.5 sq.mm to 300 sq.mm (Single & Multicore)



26. Lift Cables

Application

Elevator/Platform cable is a flat traveling PVC cable used in conveyor and hoist equipment. This cable is suitable for internal and panoramic elevator application with a freely suspended length up to 45 meters.

Description

1100 v grade multistrand Annealed bare copper conductor, extra flexible PVC insulated and sheathed flat cable.

RANGE: 0.5 sq.mm to 2.5 sq.mm up to 16 core

Description

UNIQUE make 1100 volt, Grade multistrand annealed tinned copper conductor, EPR insulated & PCP/CSP sheathed Flat Cable.

RANGE:

1.5 sq.mm & 2.5 sq.mm up to 24 core

4 sq.mm to 95 sq.mm up to 4 core



27. HR Cables

Application

Load cells & pressure transducers, Thermocouple, Heat Arc sending leads, Aircraft Radar and navigation, Navy Electronic control equipment-atomic energy satellite launching, Ground control, Reactors & process control. Computers, High performance motors, Rectifiers, High temperature control valve furnace and oven.

Description

ABC Copper conductor PTFE wrapped, Kepton/Mica/Fiber/SS wire Braided suitable for 400 Deg.C to 1200 Deg.C.

RANGE: 1.5 sq.mm to 120 sq.mm (Single & Multicore)



28. PV Solar DC Cables

Application

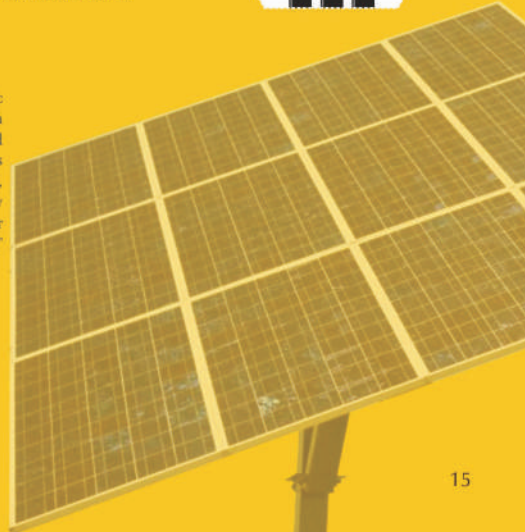
Solar cable, intended for the interconnection of the various elements of photovoltaic systems such as solar panel arrays. Suitable for fixed installations, internal and external, within unprotected pipes, or in similar closed systems. The cable is ozone-resistant according to EN50396, UV-resistant according to UNE-HD 605:2008 (HD605/A1), and is tested for durability according to EN 60216. The cable is tested to last 25 years.

These cables are especially designed for use in photovoltaic applications. They provide the optimal cable connection between the solar cells and from the solar cells to the inverter or DC main cable. These cables are suitable for outdoor ground and roof mounted systems-though not suitable for direct laying under the earth. They are also suitable laying indoors and in fixed pipe installation. Halogen free compound having flame retardant and low smoke properties, these cables are also safe to care the health of inhabitants in case of fire.

Description

Telecommunication ARMoured Cable, Annealed Tinned Electrolytic Copper Conductor PVC Insulated and PVC Sheathed, Twisted Pairs with Standard together in Concentric Layers to minimise Cross Talk and wrapped with Melinex/PVC tape, ARMoured with G.I. Wire/Strip as flexible tinned copper conductor single core multistrand, cross linked, zero halogen low smoke insulation and cross linked zero halogen low smoke sheathing, heat resistant upto 120°C and UV resistant solar cables. Taped PVC Sheathed with a Nylon Rip Cord conforming to "TEC" specification No. G/WIR/-06/02 MAY94.

RANGE: 1.5 sq.mm to 240 sq.mm single core



List of Esteemed Customers

- Apollo Tyres
- Alstom Projects India Ltd.
- Alcatel India Ltd.
- Airport Authority of India
- Adani Power Maharashtra Ltd.
- Alpha Services
- A P Industries
- Bharat Petroleum Corporation
- Bajaj Electricals Ltd.
- Bhilai Steel & Strips Ltd.
- Cochin Shipyard Ltd.
- CESC Ltd.
- Cement Manufacturing Ltd.
- Dredging Corporation of India
- FACT
- GMR
- Grip Engineers Pvt. Ltd.
- Godawari Power & Ispat Ltd.
- Heavy Engineering Corporation Ltd.
- Hindustan Zinc Ltd.
- Hindustan Aeronautics Ltd.
- HEG
- IFFCO
- Indian Phosphate
- Indian Rare Earths Ltd.
- ITI Ltd.
- IPI Steel Ltd.
- ISRO

- Jindal Shadeed Iron & Steel Co.
- Kirloskar
- Larsen & Toubro Ltd.
- Lohia Corp. Ltd.
- Malabar Cements Ltd.
- MacDonalds
- NHPC Ltd.
- Nakoda Ispat Ltd.
- ONGC
- OCL India Ltd.
- Panipat Thermal Power Station
- Panki Thermal Power Station
- Punj Lloyd
- Rail Wheel Factory
- Shyam Steel Industries Ltd.
- Star Cement Meghalaya Ltd.
- Surya Roshni Ltd.
- Sumeet Industries
- Tata Steel
- Tata Motors
- Tractel Tirfor India (P) Ltd.
- Toyota
- The Kerala Minerals and Metals Ltd.
- United Phosphorus
- Usha Martin Ltd.
- Vikram Sarabhai Space Centre
- Woodward Governor



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Network All Over India

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J & K

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Unique[®]
CABLES

The Road Ahead

With the surging advancements in electronics, information technology and power technologies, it is vital that the interconnecting wires and cable keep matching pace, to enable mankind to derive the maximum advantages of these innovations. There is a need for a concerted effort by industrial houses, government as well as the entrepreneurs to not only evince active interest in this field, but also conduct R&D activities with sufficient financial and technical manpower backing.

The Mission of **UNIQUE** Cables is to achieve world class standard and contribute towards conservation and protection of eco-system through development of Eco-friendly products.

Our price-structure is very competitive in the market only because of our minimised overheads and we believe in reasonable profit. Our services are always available to assist in the selection of right kind of cables to meet specific requirements.

Like any other dynamic company, **UNIQUE'S** product range is constantly growing changing and diversifying in its attempt to keep abreast of contemporary technology and the needs of sophisticated applications. This is what ensures **UNIQUE'S** reputation as a forward-looking and progressive organisation.



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