

# SBEE CABLES INDIA LIMITED

## CORPORATE PROFILE - 2017



Quality Over Quantity

# BRIEF

- We were established as a wire and cable manufacturing concern in the year 1995 in the name of Mahadev Vidyuth Udyog Pvt Ltd.
- On 1st April 2004, the company's name was rechristened as SBEE CABLES (INDIA) LIMITED
- We are an ISO 9001 : 2015 company certified by TÜV Nord.
- We have adopted the path of automation in manufacturing of the cables hence we have invested in European technology and we have procured and installed latest machines to offer wires and cables to the best of Quality and finish.
- The company is driven by a team of professionals who have more than 25 years of experience in cable industry as well as strong dedication on their role in the organisation.
- Products manufactured by us undergo stage by stage manufacturing process tests in-house with the modern test equipment before they reach to consumers in National and International markets.
- The financial year 2016-2017 revenue crossed at 760 Million INR, for the financial year 2017-18 the expected revenue is 1000 Million Inr.
- Products marketed under SBEE brand have high acceptance in Domestic as well as International markets.
- SBEE believes in providing cost effective & reliable solutions for various electrical applications. With this customer centric approach SBEE has strong bond with customers who look for economic solutions, support on technical advise & timely delivery.

# ROAD MAP

- Year 1995 – SBEE started as a small organisation to manufacture building wires for local market.
- Year 2001 – SBEE started to manufacture LV PVC Power and Control Cables of Aluminium & Copper Conductors.
- Year 2002 – SBEE was ISO 9001 certified.
- Year 2004 – SBEE bought its first German Copper Wire Drawing Line which was the first in Karnataka region.
- Year 2005 – As a part of expanding product portfolio SBEE started to manufacture LV XLPE Insulated Cables. Invested large capital into bringing additional German machines and upgraded testing equipment's
- Year 2006 – SBEE was the preferred vendor to organisations like ABB, GE, Easun Reyrolle with a 6 Sigma certificate for zero rejection.
- Year 2008 – SBEE made further investments in modernising its plant and machines to cater to larger segment of customers with speciality cables like Thermocouple, Instrumentation, Aerial Bunched etc.
- Year 2009 – SBEE had UL product approval.
- Year 2010 – SBEE developed Fire Survival Wires and Cables. Cable was type tested at CPRI & ERDA where it passed all the tests required as per BS standards.
- Year 2011- A team from reputed German cable manufacturing company decided to support SBEE in developing various specialty wires and cables which are used for specialized applications like dairy machines, plastic machines, signalling applications etc, SBEE decided to manufacture these cables and invested in bringing machines from Germany and Italy.
- Year 2013-14. SBEE is the next preferred vendor in most of the German as well as Indian organisations where consumers or users build their machines & equipment for export to Europe & USA.
- Year 2015-16 – Sbee started the civil construction work on their new and upcoming project in Harohalli Industrial Area Phase 2 in Kanakpura Taluk.
- Year 2017-18- Sbee Expanded the manufacturing activities with addition of various products for national and international market.

# QUALITY OVER QUANTITY POLICY

**TO SUSTAIN AND ENHANCE COMPANY'S REPUTATION BY SUPPLYING  
QUALITY PRODUCTS AT COMPETATIVE PRICES IN NATIONAL AND  
INTERNATIONAL MARKET BY EXCEEDING CUSTOMERS  
EXPECTATIONS THROUGH CONTINUAL IMPROVEMENT.**

S.BHAWARLAL

MANAGING DIRECTOR

# ISO CERTIFICATE

## CERTIFICATE

Management system as per  
ISO 9001 : 2015

In accordance with TÜV INDIA procedures, it is hereby certified that

**SBEE CABLES INDIA LIMITED**  
29, J.C.W Industrial Estate,  
11th KM Kanakapura Road,  
Bengaluru - 560 062, Karnataka,  
India



applies a quality management system in line with the above standard for the following scope

**Manufacture & Supply of Copper/Aluminium and Metal Alloy Conductor,  
Unarmoured/ Armoured, Single & Multicore Electrical Wires and Cables  
as per Customer Specifications & Requirements**

Certificate Registration No. **QM 08 00526**  
Audit Report No. **Q 3308/2010**

Valid until **01.01.2020**  
Valid from **02.01.2017**  
Initial Certification **28.01.2011**

Certification Body  
at TÜV INDIA PVT. LTD.

Issue **12.12.2016**  
Place : **Mumbai**

This certification was conducted in accordance with the TÜV INDIA auditing and certification procedures and is subject to regular surveillance audits.

TUV India Pvt. Ltd., 801, Raheja Plaza - 1, L.B.S. Marg, Ghatkopar (W), Mumbai - 400 086, India [www.tuv-nord.com/in](http://www.tuv-nord.com/in)



Scanned by CamScanner

# SBEE'S INTERNATIONAL PRODUCT CERTIFICATIONS



## CERTIFICATE OF COMPLIANCE

**Certificate Number** 20160921-E322646  
**Report Reference** E322646-20090305  
**Issue Date** 2016-SEPTEMBER-21

**Issued to:** SBEE CABLES (INDIA) LTD  
 J C W INDUSTRIAL ESTATE, 11TH KM  
 29 KANAKAPURA RD  
 BANGALORE KA 560062 INDIA

**This is to certify that representative samples of** COMPONENT - APPLIANCE WIRING MATERIAL  
 STYLES SINGLE-CONDUCTOR THERMOPLASTIC-  
 INSULATED WIRE  
 STYLES:- 1007, 1015, 1032, 1569

Have been investigated by UL in accordance with the Standard(s) indicated on this Certificate.

**Standard(s) for Safety:** UL 758 Standard for Appliance Wiring Material  
**Additional Information:** See the UL Online Certifications Directory at [www.ul.com/database](http://www.ul.com/database) for additional information

Only those products bearing the UL Certification Mark should be considered as being covered by UL's Certification and Follow-Up Service.

The UL Recognized Component Mark generally consists of the manufacturer's identification and catalog number, model number or other product designation as specified under "Marking" for the particular Recognition as published in the appropriate UL Directory. As a supplementary means of identifying products that have been produced under UL's Component Recognition Program, UL's Recognized Component Mark **TM** may be used in conjunction with the required Recognized Marks. The Recognized Component Mark is required when specified in the UL Directory preceding the recognitions or under "Markings" for the individual recognitions.

Recognized components are incomplete in certain constructional features or restricted in performance capabilities and are intended for use as components of complete equipment submitted for investigation rather than for direct separate installation in the field. The final acceptance of the component is dependent upon its installation and use in complete equipment submitted to UL LLC.

Look for the UL Certification Mark on the product.

*H.G. Sathyendra*  
 H.G. Sathyendra  
 Authorized Signatory  
 Date: 2011.06.14

UL LLC  
 Any information and documentation involving UL Mark services are provided on behalf of UL LLC (UL) or any authorized licensee of UL. For questions, please contact a local UL Customer Service Representative at [www.ul.com/aboutus/contact](http://www.ul.com/aboutus/contact).

## CERTIFICATE OF COMPLIANCE

**Certificate Number** 20160921-E322646  
**Report Reference** E322646-20090305  
**Issue Date** 2016-SEPTEMBER-21

**Issued to:** SBEE CABLES (INDIA) LTD  
 J C W INDUSTRIAL ESTATE, 11TH KM  
 29 KANAKAPURA RD  
 BANGALORE KA 560062 INDIA

**This is to certify that representative samples of** COMPONENT - APPLIANCE WIRING MATERIAL  
 STYLES MULTI-CONDUCTOR THERMOPLASTIC-  
 INSULATED WIRE  
 STYLES:- 2129, 2464, 2516, 2576, 2586, 2587

Have been investigated by UL in accordance with the Standard(s) indicated on this Certificate.

**Standard(s) for Safety:** UL 758 Standard for Appliance Wiring Material  
**Additional Information:** See the UL Online Certifications Directory at [www.ul.com/database](http://www.ul.com/database) for additional information

Only those products bearing the UL Certification Mark should be considered as being covered by UL's Certification and Follow-Up Service.

The UL Recognized Component Mark generally consists of the manufacturer's identification and catalog number, model number or other product designation as specified under "Marking" for the particular Recognition as published in the appropriate UL Directory. As a supplementary means of identifying products that have been produced under UL's Component Recognition Program, UL's Recognized Component Mark **TM** may be used in conjunction with the required Recognized Marks. The Recognized Component Mark is required when specified in the UL Directory preceding the recognitions or under "Markings" for the individual recognitions.

Recognized components are incomplete in certain constructional features or restricted in performance capabilities and are intended for use as components of complete equipment submitted for investigation rather than for direct separate installation in the field. The final acceptance of the component is dependent upon its installation and use in complete equipment submitted to UL LLC.

Look for the UL Certification Mark on the product.

*H.G. Sathyendra*  
 H.G. Sathyendra  
 Authorized Signatory  
 Date: 2011.06.14

UL LLC  
 Any information and documentation involving UL Mark services are provided on behalf of UL LLC (UL) or any authorized licensee of UL. For questions, please contact a local UL Customer Service Representative at [www.ul.com/aboutus/contact](http://www.ul.com/aboutus/contact).

# SBEE'S PRODUCTS MANUFACTURED AND MEETING STANDARDS



## PRODUCTS MEETING GENERAL REQUIREMENTS OF INTERNATIONAL STANDARDS AVAILABLE



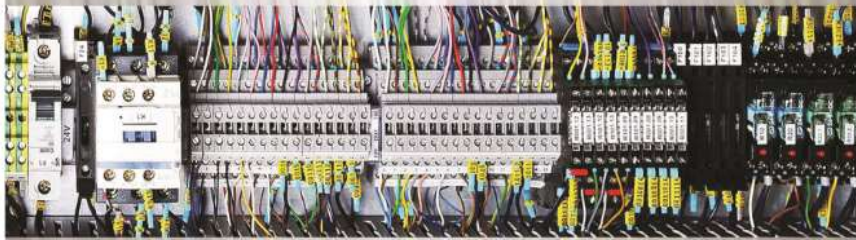
## SBEE'S PRODUCTS TESTED AND CERTIFIED BY PRESTIGIOUS LABS IN INDIA



OTHER NABL  
ACCREDITED  
LABS IN  
INDIA



# PRODUCT RANGE



## Single Core & Multicore Flexible Cables

## SBEE STANDARD, SBEE UNIVERSAL & SBEE FLEX

Single and Multicore Copper Flexible Conductor Wires  
and Cables

The above wires and cables can be manufactured with  
Insulation and sheaths of various grades of PVC

Thermoplastic Compounds like-

FR,

FRLS,

FRLS-ZH,

HR 85 / 105 DEG,

HRFR,

LSZH,

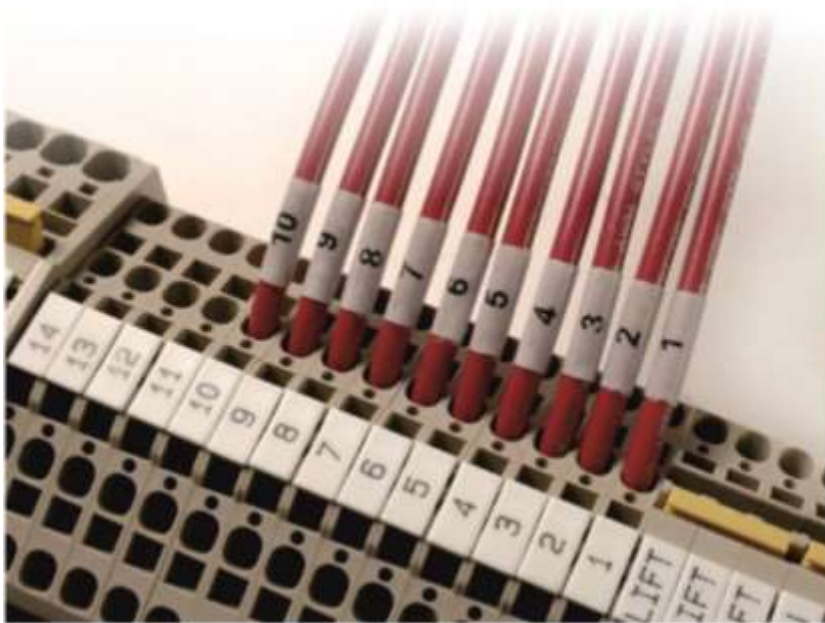
ZHFR,



# PRODUCT RANGE



## UL Certified Wires & Cables



## UL Certified Wires and Cables.

Single and Multicore Copper Flexible Conductor Wires  
and Cables

The above wires and cables can be manufactured with  
Insulation and sheaths of various grades of Temperature  
Compounds like-  
Appliance Wiring Material - Component

Single-conductor, thermoplastic insulation : As per UL  
1007, 1015, 1032, 1569

Multiple-conductor, thermoplastic insulation : as per UL  
2129, 2464, 2516, 2587, 2586, 2576.

Appliance wiring material, AWM AWM Class I, II or I/II,  
Group A, B or A/B

# PRODUCT RANGE



## SBEE AUTOMOTIVE WIRES AND CABLES

FLY

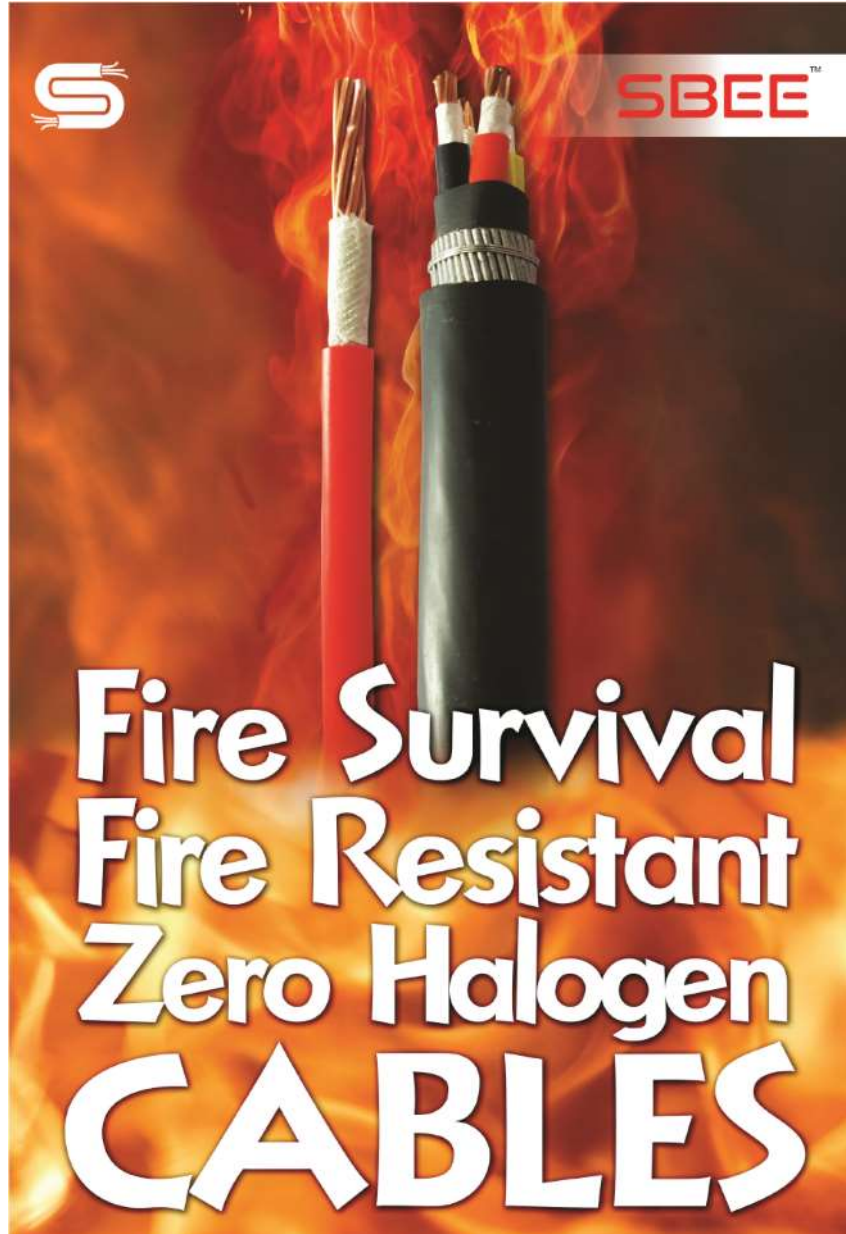
FLYK

FLRY-A

FLRY-B

Cables generally conforming to International and National Standards ie., AVS, AVSS, IS 2465, JIS 3406 Standards available on request.

# PRODUCT RANGE



## SBEE FIREX LSZH FIRE SURVIVAL FS CABLES.

FIRE SURVIVAL & FIRE RESISTANT WIRES AND  
CABLES GENERALLY CONFIRMING AS PER:

BS 6387

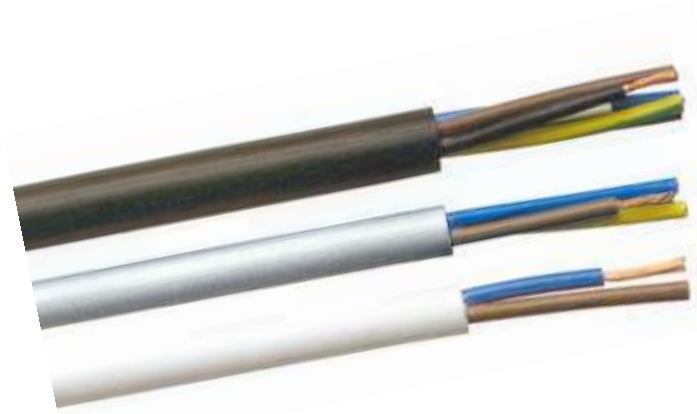
BS 7846

BS EN 50525-3-41

BS EN 50525-3-31

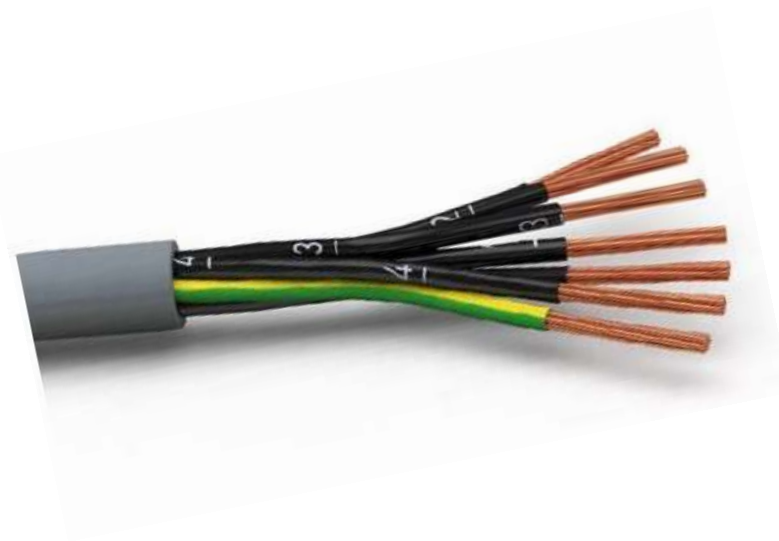
Additional Test Requirement of NES 713 Meets  
Toxicity Index.

# PRODUCT RANGE



## “SBEE FLEX CC (COLOR CODED)” :

Multi core flexible cable with colour coded cores as per VDE 0293-308 Appendix 9 specifications, flame retardant as per IEC 60332-1-2, Outer sheath PVC – Grey. Copper is Oxygen Free extract of crop 1 or crop 2 cathodes.



## “SBEE FLEX BNC (NUMBERED)” :

Multi core flexible cable with black with white numbers according to VDE 0293 Specifications, flame retardant as per IEC 60332-1-2, Outer sheath PVC – Grey. Copper is of Oxygen Free extract of crop 1 or crop 2 cathodes.

# PRODUCT RANGE



**SBEE**  
Datatronic & Instrum Cable


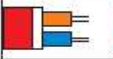
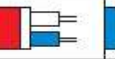
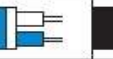
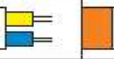
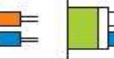


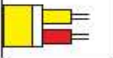

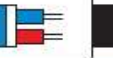
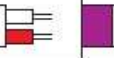



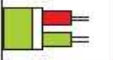

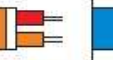
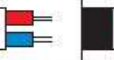
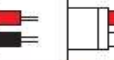


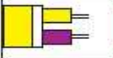
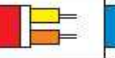
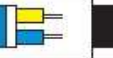
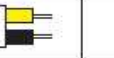



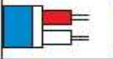
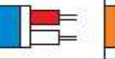
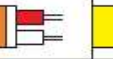
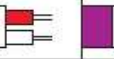


**SBEE Instrum Cables** are specially designed to transmit signals without any external interference. They are used in Data Acquisition Systems, connections to Instruments, Computer Networking, PA Systems, Digital / Analog Control / Measuring & Communication Systems.



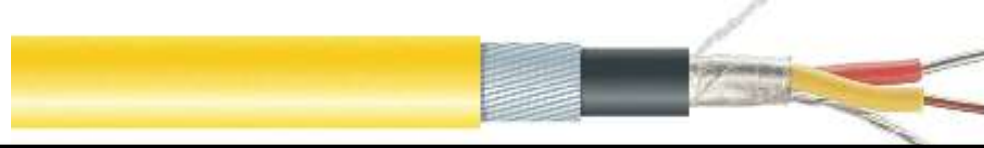
Construction	-	Cores, pairs, Triads or Quads
Voltage Grade	-	Up to 300/500/750/1000V
Conductor	-	Electrolytic grade copper Bare / Tinned Solid / Stranded/Flexible
Sqmm Area	-	0.25 /0.5 / 0.75 / 1.0 / 1.5 / 2.5 Sq mm
No of Pairs / Traids	-	Cores from 2 to 61 / 1 Pair to 30 Pair / From 1 Triad to 20 Triads
Primary Insulation	-	GP PVC / HR PVC / LDPE / XLPE / PTFE / Fibre Glass / FEP / ZHFR / HFFR
Screening	-	Individual and/or overall with following options -
Taping Option	-	- Aluminum Mylar/Copper Tape with Tinned Copper Drain Wire
Mesh Option	-	- Braided with Bare or Tinned or Nickel Plated or Silver Plated Copper
Inner Sheath	-	PVC / HRPVC / FRPVC / FRLS PVC / ZHFR / LSF
Armouring	-	GI round Wire / Flat strip or GI Wire Braiding (MESH)
Outer Sheath	-	PVC / HRPVC / FRPVC / FRLS PVC / ZHFR / LSF
Rip Cord	-	For easy removal of sheath
Standards	-	BS-5308 Part-1 & 2, BS-7655, IEC-189 (1 & 2), VDE-0815 & 0816 and BS EN 50288



# PRODUCT RANGE

CABLE CODE		Kx	Kx(A)	Tx	Jx	Ex	Sx/Rx
CABLE TYPE		EXT.	COMP	EXT.	EXT.	EXT.	COMP
Conductor	+Ve leg	Chromel	Copper	Copper	Iron	Chromel	Copper
	-Ve leg	Alumel	Constantan	Constantan	Constantan	Constantan	Copper Alloy
Suitable for Thermocouple Type		Kx	Kx	Tx	Jx	Ex	Sx/Rx
Conductor Combination		Chromel Alumel	Copper Alumel	Copper Constantan	Iron Constantan	Chromel Constantan	Platinum 10/13% Rhodium Platinum
Temperature range of measuring junction °C		0 to +1100	☆	-185 to +300	+20 to +700	0 to +800	0 to +1550/ 0 to +1600
Applicable standards for output of Thermocouple conductors		BS4937 part 4 ANSI/MC 96.1 type K DIN 43710 NF C 42-321 JISC 1602	☆	BS4937 part 5 ANSI/MC 96.1 type T NF C 42-321 JISC 1602	BS4937 part 3 ANSI/MC 96.1 type J NF C 42-321 JISC 1602	BS4937 part 6 ANSI/MC 96.1 type E NF C 42-321 JISC 1602	BS4937 part 1 ANSI/MC 96.1 type S, R, NF C 42-321 JISC 1602
COLOUR CODING	 BS						
	 ANSI						
	 DIN						
	 NF						
	 JISC						
Approximate generated EMF change per °C		42	☆	46	46	68	8/8
mV/C at 500°C		43	☆	—	56	81	9/10
NOTES : ☆Used for interconnecting Type 'K' thermocouples and instrumentation as an alternative to type 'k' material. Only used where the interconnection temperature is in the range 0°C to +80°C We can also offer NX, UX and WX Cables • Kx(A) - also known as Vx							

SBEE Thermoplus - Thermocouple Cables are specially designed to use in Vacuum, Oxidizing, Reducing, and Inert Atmospheres.



Construction	-	Single or Multiple Pairs
Voltage Grade	-	Up to 1100 V
Cable Code	-	Kx / Kx (A) / Tx / Jx / Ex / Sx / Rx / Bx / Nx / Ux / Wx
Range	-	16 AWG / 18 AWG / 20 AWG up to 24 Pair
Primary Insulation	-	General purpose PVC / HR PVC / LDPE / XLPE / PTFE / Fibre Glass / FEP / HFFR
Screening	-	Individual and/or overall with following options -
Taping Option	-	- Aluminium Mylar/Copper Tape with Tinned Copper Drain Wire
Mesh Option	-	- Braided with Bare or Tinned or Nickel Plated or Silver Plated Copper
Inner Sheath	-	PVC / HRPVC / FRPVC / FRLS PVC/ ZHFR / LSF / PTFE / Fibre Glass
Armouring	-	GI round Wire / Flat strip or Wire Braiding
Outer sheath	-	PVC / HRPVC / FRPVC / FRLS PVC / ZHFR / LSF / PTFE / Fibre Glass
Rip cord	-	For easy removal of sheath
Standards	-	ANSI:MC-96.1, IS-8784, DIN, BS & IEC 584-3

Note: Other conductor sizes and insulation materials on request

# PRODUCT RANGE

**SBEE HighTemp** – Single core high temperature hook-up wires & Multi core / Multi pair, Screened & Unscreened and Armoured & Unarmoured cables:



High Temperature Cables are specially designed to use areas where working and ambient temperatures are too High. These are available with wide range of conductors, Insulations, Screening etc.

<b>Construction</b>	-	Single Core or Multi Core / Pairs
<b>Voltage Grade</b>	-	250VAC, 600VAC & 1000VAC (Rating as per MIL 16878, VDE, DIN, ANSI)
<b>Conductors</b>	-	Annealed bare and/or tinned copper conductor (up to 120° C) Annealed silver plated copper conductor (up to 200° C) Nickel plated conductors (up to 260° C)
<b>Fire Barrier</b>	-	Glass Mica tape
<b>Insulation</b>	-	Silicone rubber / Cross linked Polyolefin Elastomer / Glass Braid / FEP / PFA / PTFE / PEEK / ETFE / KAPTON TAPE.
<b>Screening</b>	-	Individual and/or overall with following options -
<b>Taping Option</b>	-	- Aluminum Mylar/Copper Tape with Tinned Copper Drain Wire
<b>Mesh Option</b>	-	- Braided with Bare or Tinned or Nickel Plated or Silver Plated Copper
<b>Inner Sheath</b>	-	LSOH / ZHFR or equivalent
<b>Armouring</b>	-	Galvanised Steel wire armouring or wire braiding, stainless steel wire, high strength steelwire etc.
<b>Outer Sheath</b>	-	LSOH / ZHFR or equivalent
<b>Standards:</b>	-	Generally Conforming to IEC 60228 / VDE 0295 / BS 3G 210
<b>Fire Test Standards</b>	-	BS:5308 or equivalent with fire resistance to BS:6387 category CWZ and IEC:60331 tested for 950°C for 3 hrs.

## Various Insulation Properties

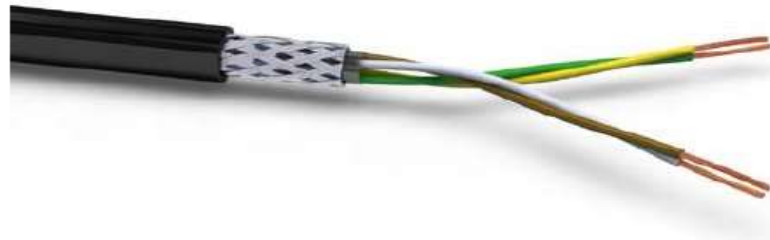
Insulation	Temperature Range	Characteristics
Varnished Fibre Glass Braid	-72° C to 350° C	High Temperature Resistance
FEP	-200° C to 200° C	Good Chemical Resistance
PFA	-200° C to 250° C	Good Chemical Resistance, Thin wall insulation due to good electrical properties, Good flexibility
PTFE	-200° C to 260° C	Excellent chemical resistance , High temperature stability
Kapton tape	-250° C to 300° C	Very thin wall insulation, High temperature resistance
PEEK	-160° C to 250° C	Mechanically very tough High temperature and radiation resistance
ETFE	-150° C to 150° C	Mechanically tough
Silicone Rubber	-40° C to 200° C	Flexible & abrasion resistance

# PRODUCT RANGE

## “SBEE DATATRONIC RANGE”



LIYY,



LIYCY (TP),



LIYCY :

Data cables as per DIN VDE specifications. These Cables are used for data transfer/ transmission of analog signals and Instrumentation.



# PRODUCT RANGE

## SBEE FLEX BNC & CC -CY

Multicore flexible copper cable with Oxygen Free, Electroplated Annealed Tinned Copper Braiding.

These cables are manufactured with colored cores or numbered cores and are also available with Transparent, Grey or Black outer sheath colors.

Generally Confirming to DIN/VDE and IEC specifications

## SBEE FLEX BNC/CC "SY"

Multicore flexible copper cable with flexible steel braiding with special grade **"RUST PROOF" Steel Wires.**

These cables are manufactured with colored cores or numbered cores and are also available with Transparent, Grey or Black outer sheath colors.

Generally Confirming to DIN/VDE and IEC specifications



# PRODUCT RANGE

## AAAC CONDUCTORS FOR OVERHEAD TRANSMISSION LINES- AS PER IS 398-4

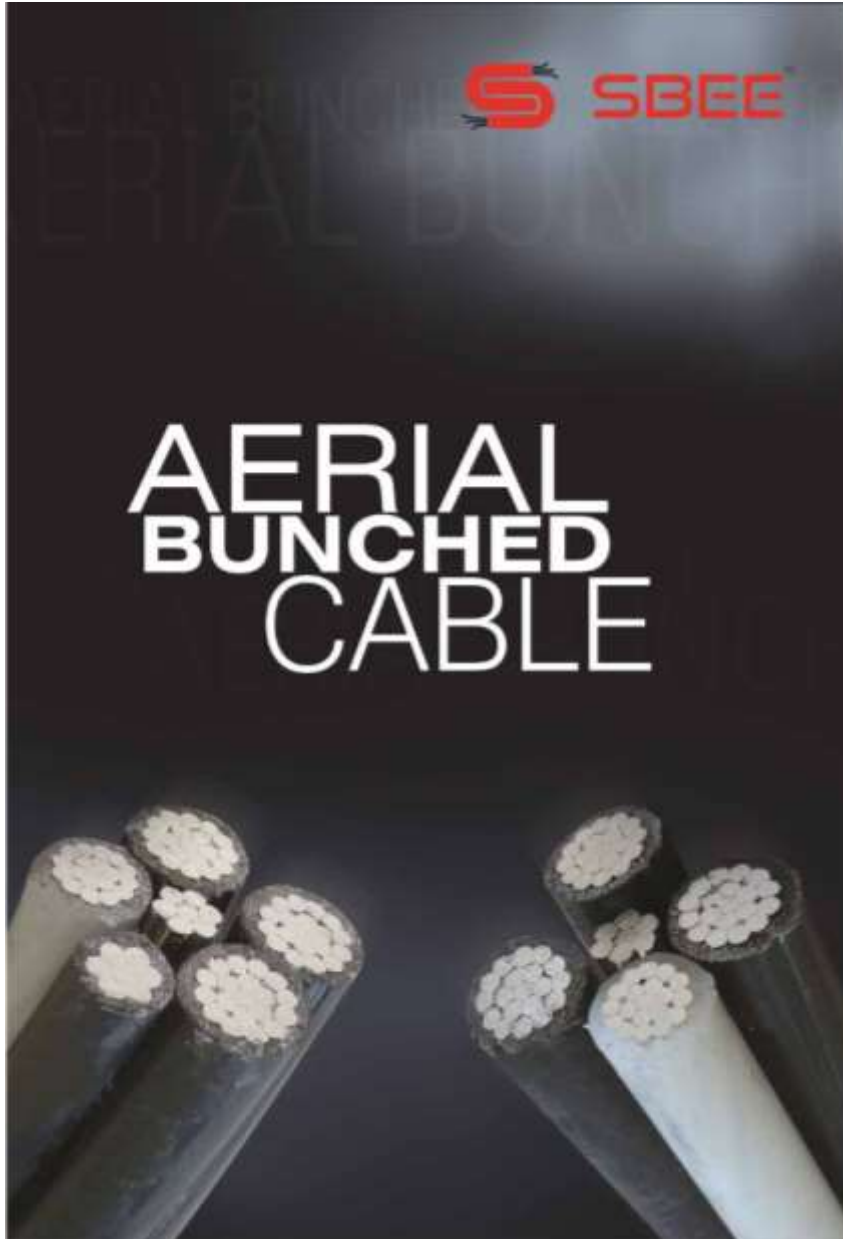
These conductors are formed by several aluminium magnesium silicon wires stranded in concentric layers.



All the wires have the same nominal diameter. Most common constructions consist of 7, 19, 37 and 61 wires

Equivalent ACSR – Code Word
Mole
Squirrel
Weasel
Rabbit
Raccoon
Dog
Dog (Up)
Coyote
Wolf
Wolf (Up)
Panther
Panther (Up)
Panther (Up)
Kundah
Zebra
Zebra (UP)
Moose
Morculla
Moose (Up)
Morculla (Up)
Bersimis

# PRODUCT RANGE



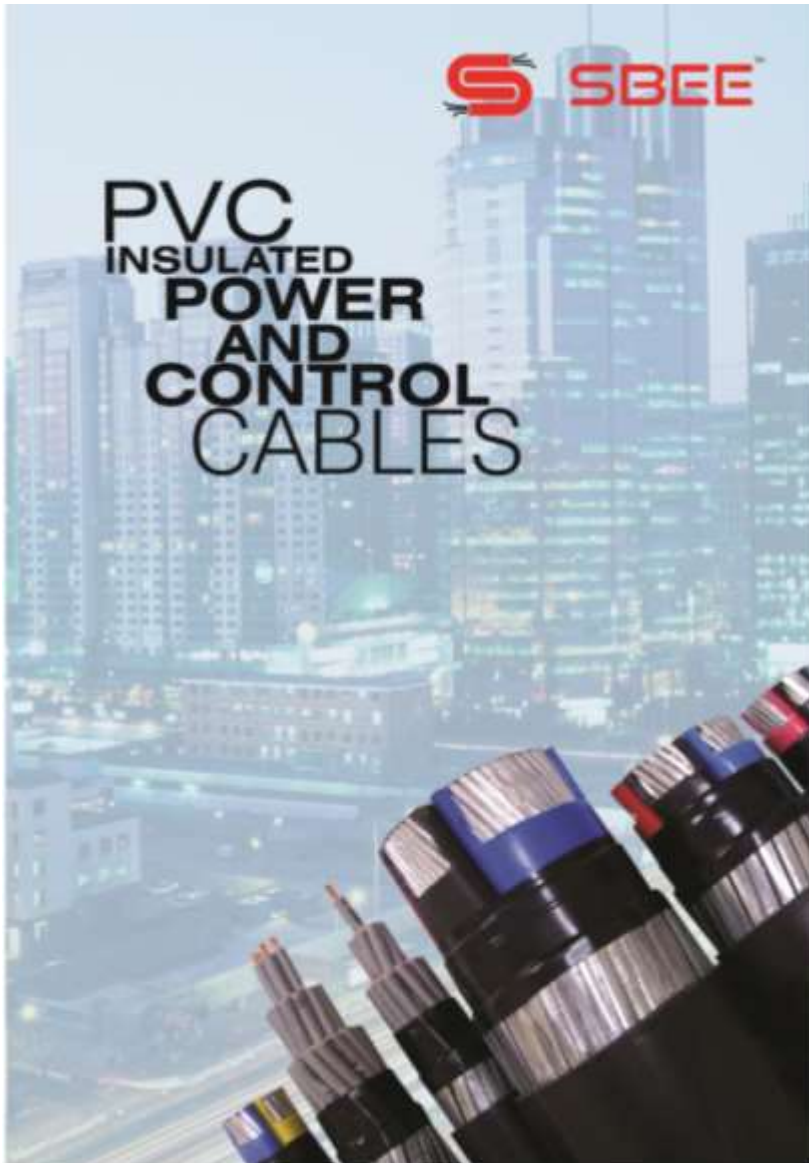
## SBEE LV AERIAL BUNCHED CABLES.

Aerial Bunched Cables upto 1,1 kV  
Single and Three Phases  
Application.

As per IS 14255: 1995

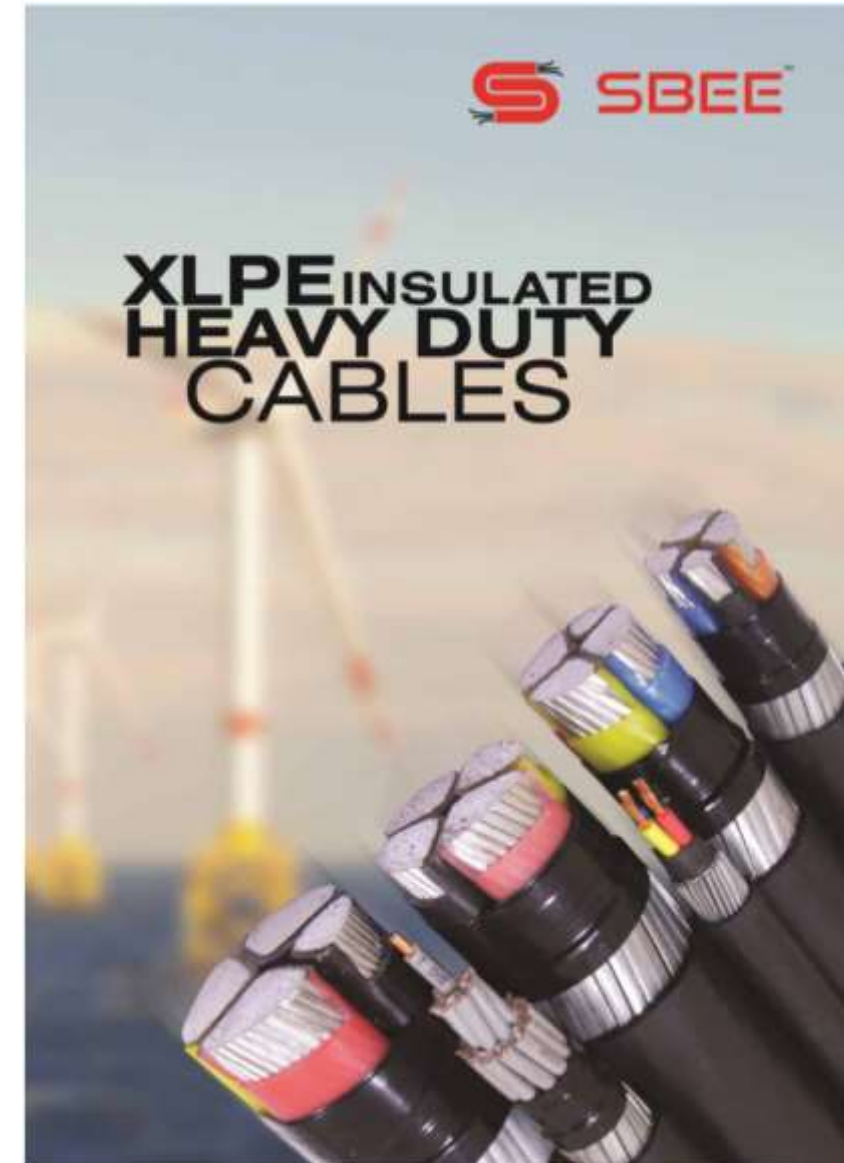
Special Properties for Insulation  
which prevents cracks.

# PRODUCT RANGE



## SBEE POWER & CONTROL UPTO 3.3 KV RANGE

- PVC/FR/FRLS/HFFR Insulated & Sheathed Armoured and Un-Armoured Power Cables with Copper or Aluminum Conductors.
- XLPE/XLOH Insulated Armoured and Un-Armoured Power Cables with Copper or Aluminum Conductors.



# PRODUCT RANGE



SBEE AQUA – Winding Wires and Submersible Flat Cables.

Submersible pump application winding wires and 3 core FLAT cables with UV retarding and MUD resistant Properties.

**PROVEN SUPERIOR QUALITY**  
**SUBMERSIBLE**  
**FLAT CABLES**  
**&**  
**WINDING WIRES**

**BENEFITS OF FLAT CABLES**

- Flame resistant as per IEC 60332-1-2
- Flammability test as per IS 10010-52
- Resistant to Water Absorption
- Resistant to damp soil
- Resistant to certain Alkalies & Acids
- Inbuilt UV protection

**BENEFITS OF WINDING WIRES**

- The special insulation layer for insulating the wire, the grooves are built to impart excellent strength against abrasion and tear along with excellent electrical properties.
- Highly non-hygroscopic.

**Sizes: 1.5 sqmm to 16sqmm available. Bigger sizes available on request.**

**Sizes from 0.25mm upto 2.0mm. Bigger sizes available on request.**

As per IS 694: 2010

# CABLE ACCESSORIES IN FIRE.....



OFFERS THE COMPLETE RANGE OF POWER, CONTROL & INSTRUMENTATION CABLES HAVING THE BEST FUNCTIONALITY IN FIRE.

WE ALSO SELL VARIOUS ACCESSORIES WHICH ARE ALSO MANUFACTURED WITH LSZH COMPOUND LIKE POLYAMIDE LSZH GLANDS, LSZH COMPOUND CABLE TIES AND CABLE RAILS WHICH ARE MANUFACTURED WITH HALOGEN FREE MATERIALS.



# SPECIALTY EUROPEAN CABLES TRADED BY SBEE



SBEE HO1N2-D – Welding cables for arc welding purpose.



SBEE RUBBER CRANE: Rubber cables for crane applications for constant reeling and un-reeling purpose

SBEE FESTOONING Rubber cables for crane and other applications.



SBEE HO7RN8-F – Rubber insulated and sheathed cables for water and submersible pump applications

SBEE HO7RNF- Rubber cables for tooling's, machinery and agricultural devices. For medium mechanical stress

# SPECIALTY EUROPEAN CABLES TRADED BY SBEE



**VOKA**  
Vogtländisches Kabelwerk GmbH

**SBEE**

**THE FUTURE IS BRIGHT**

**VOKA** SOLAR CABLES FROM GERMANY IN ASSOCIATION WITH **SBEE CABLES**

**Solar PV Cable from Germany for Solar Power Plant Applications**

**TECHNICAL ADVANTAGES**

- PROCESSED WITH ELECTRON BEAM CROSS LINKED (EBCL) TECHNOLOGY
- WORKING TEMPERATURE -40 TO +125°C
- OPERATING VOLTAGE 1 KV AC & 1.5 KV DC
- WARRANTED FOR 25 YEARS

**TÜVRheinland**

We are proud to be associated with VOKA Vogtländisches Kabelwerk GmbH, Who are pioneers in design and manufacture of cables for solar power plants equipped with modern manufacturing facilities with electron beam cross linking equipment's, to enhance higher operating temperature.

The products manufactured are confirming to – DKE/VDE AK 411.2.3.

Flame Resistance according to VDE 0482-332-1-2

Copper as per VDE 0295 Class 5

Temperature resistance according to en-60811-1-4/ en – 50305

Product Certified by TUV Style 2PfG-1169/08.07

Temperature range – 40 Deg C to 120 Deg C

Short Circuit Capacity 200 Deg C for 5 Seconds.

EXPECTED LIFE TIME LIFE OF THE ABOVE CABLE IS 25 YEARS.



# OUR GOVT APPROVALS



# SOME OF OUR PRIVATE OEM CLIENTEL



# WE CARE FOR THE ENVIRONMENT



We are equally concerned about environmental aspects. Hence, we only use recyclable raw materials in all our products, Keeping In mind “SAFETY FIRST”.

In order to reduce the “CARBON FOOTPRINT” our products exceeds limiting value of DC resistance which is much below specified values.

With this our products carry higher current with “LESS WATTAGE LOSSES”.

# WARRANTY & QUALITY PROMISE



Our Thermoplastic (PVC) Insulated and Sheathed cables are warranted for 5 years on manufacturing defect and performance.

**“Our Motto is Customer peace of mind and value for money”**



All of our cables are designed for a minimum life span of 15 Years.

**“Better the raw-materials better the product performance”**

# FUTURE EXPANSION

- SBEE has acquired 86,000 Sq Meter of Land at “Harohalli Industrial Estate, (About 45 Kms from Center of Bangalore City) from “KIADB” A Govt of Karnataka body which is responsible for the development of Industries in the State of Karnataka - India.

Civil construction for this green field project has already commenced.

- The Plans are to add the following range of products

**Phase 1 By 2017 /2018 Construction of a single shed of approx. 1,40,000 sqft.**

Enhancing and Upgradation of the existing product range.

Capacity and production expansion with latest automation technology

To set up state of the art laboratory to test the above cables.

**Phase 2 by 2021 – Considering various types of cables as:**

Rubber cables

HV Cables

Solar Cables for Photovoltaic Applications

Speciality Cables Like- Teflon, Fiberglass, Silicon Based Cables etc.,

Speciality Submarine Cables

To set up state of the art laboratory to test all the above cables.

# FUTURE EXPANSION



# PRESENT POSITION



# THANK YOU

We are reachable to your quarries at the below address.

## **SBEE CABLES (INDIA) LIMITED.**

No 29, JCW INDUSTRIAL ESTATE 11<sup>TH</sup> KM KANAKPURA ROAD,

BANGALORE – 560062 INDIA

TEL NO + 91 80 2666 2172

FAX NO + 91 80 2666 7339

E-MAIL : [info@sbeecables.in](mailto:info@sbeecables.in)

Web: [www.sbeecables.in](http://www.sbeecables.in)