

# Our Cables Are Simply Safer and Longer

## About us



Tai Sin Electric Limited was incorporated in 1980 and has built a successful cable and wire business serving a diverse range of industries for both the private and public sectors in all categories of industrial, commercial, residential and offshore & marine projects. To cater for the robust growth in the regional market, Tai Sin operates three cable manufacturing plants, which are located in Singapore, Malaysia and Vietnam. All of which are fully equipped with the latest manufacturing facilities and technologies to meet increasing demands.

Over the years, Tai Sin has expanded and diversified steadily to become the Tai Sin Group of Companies, which is now public listed on the Main Board of Singapore Stock Exchange (SGX-ST).

We have grown steadily based on a sound business philosophy of providing quality products using leading edge technology, backed by unfailing excellence in customer service and faster turnaround time to maintain customer loyalty. These are also our beliefs and values that give us the strength and confidence to continue to grow, excel and succeed.

## Our Accreditation & Certification



**Tai Sin®**



CERT NO.: 96-2-0545  
ISO 9001: 2008



ACCREDITED COMPANY  
BS EN ISO 14001: 2004



REGISTERED  
OHSAS  
18001



TUV SUD PSB



UKAS  
PRODUCT  
CERTIFICATION  
007



APPROVED





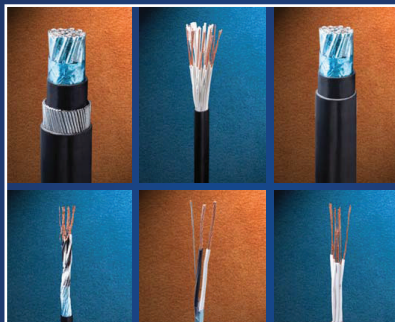
# POWER, CONTROL & INSTRUMENTATION CABLES AND WIRES



## Low Voltage Power Cables & Wires

**PVC Insulated Standards / Specifications :** IEC 60502-1, IEC 60332-3 and other standards as per customer's request.

**XLPE Insulated Standards / Specifications :** BS 5467, IEC 60502-1, IEC 60332-3 and other standards as per customer's request.



## Instrumentation & Control Cables & Wires

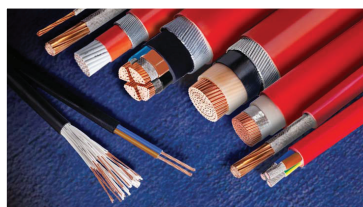
The instrumentation range of cables are available with a voltage rating of 300/500V and are either manufactured to BS EN 50288 (previously BS 5308) standards. The control range of cables available have a voltage rating of 600/1000V and are manufactured to BS 5467 or IEC 60502 - 1.



## Single Core Cables & Wires

Tai Sin produces a full range of PVC single core cables from 1.5mm<sup>2</sup> to 630mm<sup>2</sup> in both harmonized and non-harmonized colours. The conductors used are plain annealed, stranded with PVC, certified to SS358 and BS EN 50525-2-31. These cables have a voltage rating of 450/750V.

## FIRE RESISTANT & FLAME RETARDANT CABLES AND WIRES



### Fire Resistant Cables & Wires

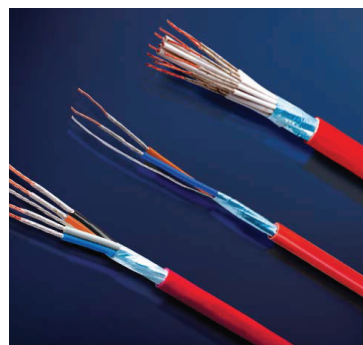
#### Fire Performance Standards Achieved

**Circuit Integrity :** BS 6387 Cat C.W.Z., SS 299 Cat C.W.Z., IEC 60331

**Flame Propagation :** IEC 60332-3A / IEC 60332-3-22, BS EN 50266

**Acid Gas Emission :** IEC 60754, BS EN 50267

**Smoke Emission :** IEC 61034, BS EN 61034



### Fire Resistant Cables for Emergency Circuits (BS 7629-1:2008)

#### Fire Performance Standards Achieved

##### Circuit Integrity :

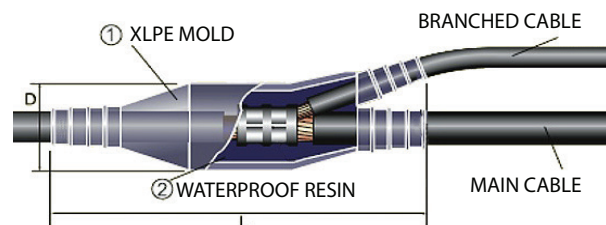
1. BS 5839-1:2002+A2:2008 Clause 26.2
2. BS 8434-2:2003+A2:2009
3. BS EN 50200:2006 PH120
4. SS 299 Cat C.W.Z, BS 6387 Cat C.W.Z., IEC 60331

**Flame Propagation :** BS EN 60332-1-2 / BS EN 60332-3C / BS EN 50266

**Acid Gas Emission :** IEC 60754, BS EN 50267

**Smoke Emission :** IEC 61034, BS EN 61034

## BRANCH CABLES



#### Referencee Standards

##### Main Cable (Aluminium or Copper)

XLPE/PVC Cable, in accordance with IEC 60502-1, 60332-1

##### Branch Cable(Copper)

XLPE/PVC Cable, in accordance with IEC60502-1, 60332-1

##### Branch Joint

Conductor Joint: Sleeve in accordance with JIS C2801

Mold of Branch Section: Black coloured PVC in accordance with JIS C2801

## OFFSHORE & MARINES CABLES



#### Standards Achieved

- IEC 60092-353
- IEC 60092-376

## CUSTOMIZED CABLES



Besides our standard range of products listed, Tai Sin also manufactures products according to our customer's specific requirements and/or preferences in terms of sheath colours, copper core sizes, cable lengths, voltage etc.

We have 8 locations across Southeast Asia  
**CONTACT US** for more details

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**Tai Sin®**