JIS C 3410 CABLE

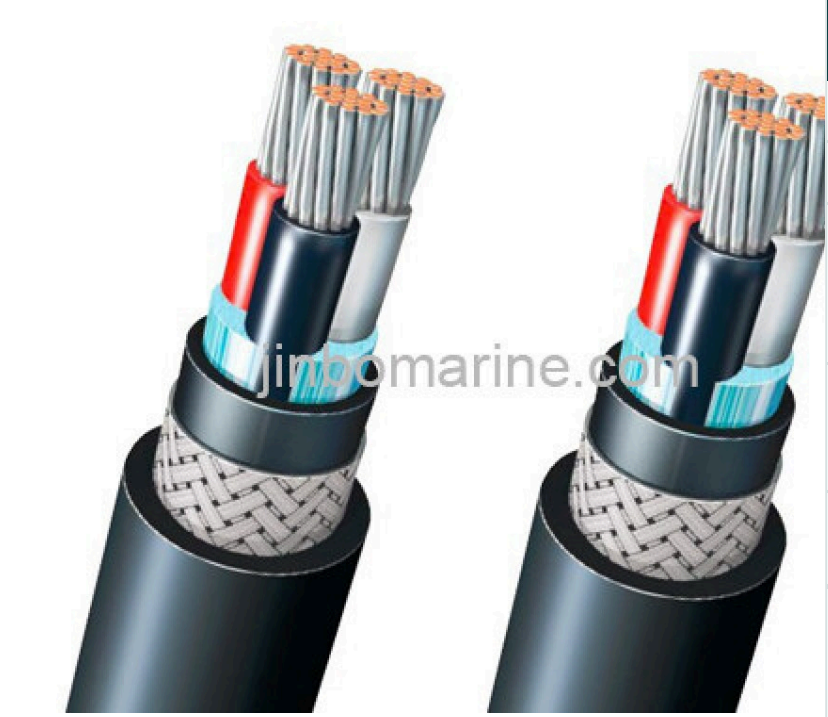
# FA-TPYCY Three Core Flame Retardant Marine Power & Light Cable 0.6/1KV

ISO9001 Supplier

Class Certificate

Export Supply

JIS C 3410-1999 Marine Power & Lighting Cable 0.6/1KVTPYThree Core EPR Insulation PVC Sheath Cable 0.6/1KVTPYCThree Core EPR Insulation PVC Sheath Galvanized Steel Wire Braided Cable 0.6/1...




## Key Highlights

| | |
|---|---|
| **Category** | JIS C 3410 Cable |
| **Standard** | JIS |
| **Material** | Tinned Copper/EPR insulation/PVC sheath/Galvanized Steel Wire Braided/PV... |
| **Weight / Size** | IEC 60332-1 & IEC 60332-3 Category A Cores & Size Number of Conductor: |
| **Certificate** | LR, ABS,BV, GL, RINA, DNV, NK, KR, CCS |

We can supply according to your requirement, drawings, class certificate needs, and delivery schedule.

| Technical Specifications | | | |
|---|---|---|---|
| **Category** | JIS C 3410 Cable | **Model / SKU** | FA-TPYCY-Three-Core-Flame-Retardant-Marine-Power-Light-Cable-0-6-1KV |
| **Standard** | JIS | **Material** | Tinned Copper/EPR insulation/PVC sheath/Galvanized Steel Wire Braided/PVC Protective Covering |
| **Weight / Size** | IEC 60332-1 & IEC 60332-3 Category A Cores & Size Number of Conductor: | **Surface** | Galvanized |
| **Certificate** | LR, ABS,BV, GL, RINA, DNV, NK, KR, CCS | **Warranty** | 12 Months unless specified otherwise |
| **Origin** | China | | |

**CONTENTS**


- China FA-TPYCY Three Core Flame Retardant Marine Power & Light Cable 0.6/1KV:
- Standards
- Feature
- Minimum Bending Radius
- Cable Construction
- Cores & Size
- Maximum Working Voltage and Testing Voltage
- Application:


## China FA-TPYCY Three Core Flame Retardant Marine Power & Light Cable 0.6/1KV:

JIS C 3410-1999 Marine Power & Lighting Cable

- 0.6/1KVTPYThree Core EPR Insulation PVC Sheath Cable
- 0.6/1KVTPYCThree Core EPR Insulation PVC Sheath Galvanized Steel Wire Braided Cable
- 0.6/1KVTPYCYThree Core EPR Insulation PVC Sheath Galvanized Steel Wire Braided Cable with PVC Covering
- 0.6/1KVFA-TPYThree Core EPR Insulation PVC Sheath Flame Retardant Cable
- 0.6/1KVFA-TPYCThree Core EPR Insulation PVC Sheath Galvanized Steel Wire Braided Flame Retardant Cable
- 0.6/1KVFA-TPYCYThree Core EPR Insulation PVC Sheath Galvanized Steel Wire Braided Flame Retardant Cable with PVC Covering

## Cable Construction

| Classification | Code | Construction details |
|---|---|---|
| Conductor | T | Tinned Copper Wire JIS C3410 |
| Insulation | P | EPR as per JIS C 3410 |
| Sheath | Y | PVC as per JIS C 3410 |

| | | |
|---|---|---|
| Armor | C | Galvanized steel wire braided |
| | CB | Tinned copper wire braided |
| Paint | | The white paint should be painted uniformly |
| Covering | Y | PVC as per JIS C 3410 |
| | | Color: Black |

## Standards

Design : JIC C 3410(1999)

Flammability: IEC 60332-1 & IEC 60332-3 Category A

## Cores & Size

Number of Conductor: 3 Core

Size of Conductor (mm2): 1.5 2.5 4 6 10 16 25 35 50 70 95 120 150 185 240 300

## Feature

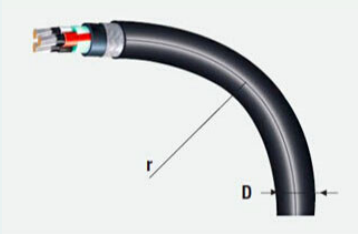
Halogen-free, Low Smoke, Flame retardant

## Maximum Working Voltage and Testing Voltage

| Nominal voltage (V) | Maximum working voltage (V) | | (Test voltage) V/min. |
|---|---|---|---|
| | a.c | d.c | |
| 250V | 250V | 450V | 1500/5 |
| 0.6/1 kV | 0.6/1 kV | 0.9/1.5kV | 3500/5 |

## Minimum Bending Radius

The bending radius for the installation of cables should be not less than the values given as follows：

| Type of cable | | Minimum bending radius | |
|---|---|---|---|
| Up to 1.8/3kV | Unarmored or unbraided | |   |
| | D ≤ 25mm | 4XD | |
| | D > 25mm | 6XD | |
| | Metal braid screened or armored | 6XD | |
| | Tape screened | 8XD | |
| 3.6/6kV | Single core | 12XD | |
| above | 3-core | 9XD | |

NOTE) D ： Overall diameter of cable

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| | D > 25mm | 6 X D |
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| 3.6/6kV above | Single core | 12 X D |
| | 3-core | 9 X D |

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## Application:

The cable is fixed installation, used for power, lighting and control in most area and open deck area in ship.