Jinbo Marine

Marine & Offshore Equipment Datasheet

PRODUCT DATASHEET

JIS C 3410 CABLE

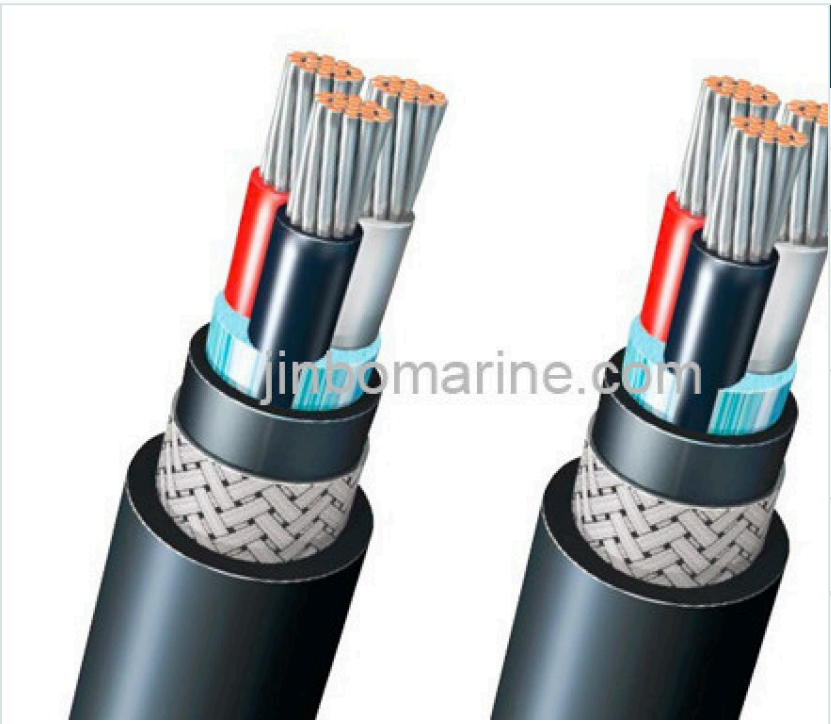
FA-TPYCY Three Core Flame Retardant Marine Power & Light Cable 0.6/1KV

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

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- Standards
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- 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

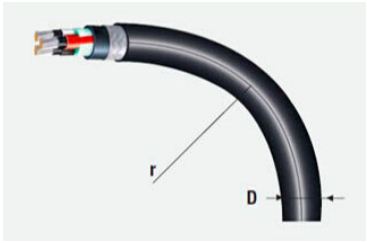
Halogen-free, Low Smoke, Flame retardant

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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Up to 1.8/3kV	Unarmored or unbraided	
	D ≤ 25mm	4 X D
	D > 25mm	6 X D
	Metal braid screened or armored	6 X D
	Tape screened	8 X D
3.6/6kV above	Single core	12 X D
	3-core	9 X D

NOTE) D : Overall diameter of cable

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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.