**Jinbo Marine**

Marine & Offshore Equipment Datasheet

PRODUCT DATASHEET

IEEE STD 45/1580 CABLE

# 600V TT(I/S)PMBS Offshore Signal Cable(With Individual Shield)--Pair Twisted

ISO9001 Supplier

Class Certificate

Export Supply

Cable Type 600V     TP (I/S)PN TP(I/S)PNA TP(I/S)PNB TP(I/S)PNBS     TP(I/S)LSEL TP(I/S)LSELA TP(I/S)LSELB TP(I/S)LSELBS ...

## Key Highlights

| | |
|---|---|
| Category | IEEE Std 45/1580 Cable |
| Standard | DIN |
| Material | Tinned Copper/XLPE insulation/Neoprene/ Bronze/Neoprene |
| Weight / Size | 245(1995) IEEE 1202(1991) IEC 60332-3 Category A CSA C 22.2 NO.38(at -40... |
| Certificate | ABS, LR, BV, DNVGL, NK, KR, IRS, RMRS, CCS |

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

## Technical Specifications

| | | | |
|---|---|---|---|
| Category | IEEE Std 45/1580 Cable | Model / SKU | 600V-TT-I-S-PMBS-Offshore-Signal-Cable-With-Individual-Shield-Pair-Twisted |
| Standard | DIN | Material | Tinned Copper/XLPE insulation/Neoprene/ Bronze/Neoprene |
| Weight / Size | 245(1995) IEEE 1202(1991) IEC 60332-3 Category A CSA C 22.2 NO.38(at -40℃) IEC 60331-1(FS type Cable) NEK 606 Cores & Size Cores: | Certificate | ABS, LR, BV, DNVGL, NK, KR, IRS, RMRS, CCS |
| Warranty | 12 Months unless specified otherwise | Origin | China |

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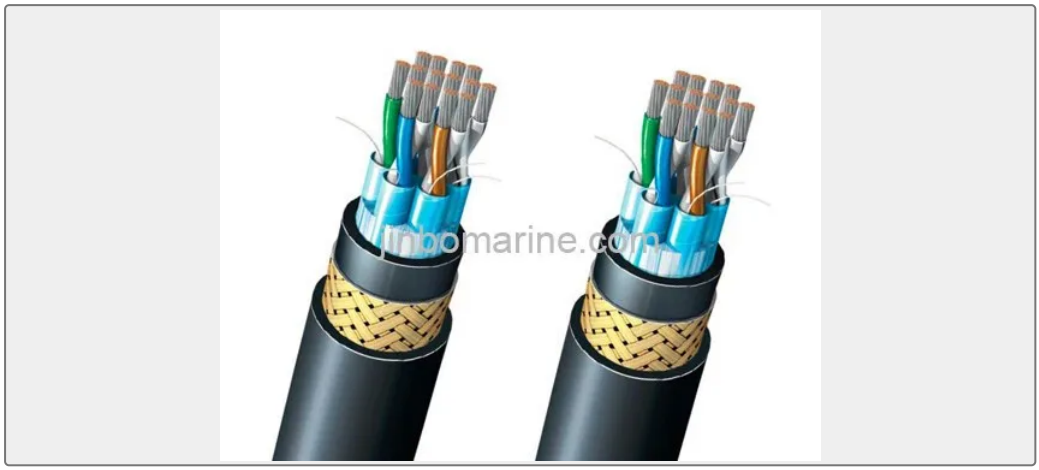


## Cable Type 600V

| |
|---|
| TP (I/S)PN TP(I/S)PNA TP(I/S)PNB TP(I/S)PNBS<br>TP(I/S)LSEL TP(I/S)LSELA TP(I/S)LSELB TP(I/S)LSELBS<br>TP(I/S)PM TP(I/S)PMA TP(I/S)PMB TP(I/S)PMBS |
| Fire-resisting layer: FS Type only.<br>Prefix ”FS-” for fire resisting cable; Example: FS-TP(I/S)PN |

## Cable Construction

| Classification | Code | Construction details |
|---|---|---|
| Conductor | Annealed Stranded Copper Wire | |
| Cable Type | TT | Signal Cable |
| Fire-resisting(Optional) | FS | Mica Tape |
| Insulation | P | Cross-Linked Polyolefin |
| LSE | Low Smoke EP Rubber | |
| Overall Shied | I/S | Individual Shield |
| Jacket | N | Flame Retardant Thermosetting Neoprene |
| L | Flame Retardant Low Smoke XLPO | |

| | | |
|---|---|---|
| M | Flame Retardant Mud Resistant XLPO | |
| Armor(Optional) | B | Bronze |
| T | Tinned Copper Wire | |
| Outer Sheath(Optional) | S | Same as Jacket |

## Standards

IEEE 1560(2001) IEC 45(1998)

UL 1309/CSA C 22.2 NO. 245(1995)

IEEE 1202(1991)

IEC 60332-3 Category A

CSA C 22.2 NO.38(at -40℃)

IEC 60331-1(FS type Cable)

NEK 606

## Cores & Size

Cores: 1 2 4 5 7 10 12 14 16 19 24

Size (AWG or MCM): 18 16 14

## Application:

The cable is fixed installation for signal, voltage up to 600V, apply for commercial marine, shipping building, MODU'S and Platform.

## Advantage of IEEE 1580 Cable

Flame retardant

Fire-resistant (FS Type)

Resistance to oil, abrasion, petrochemical fluid, moisture and sunlight

Excellent flexibility

Mud Resistant