



## Confirmation of Product Type Approval

**Company Name:** JIANGSU YUANYANG CABLE CO., LTD

**Address:** NO. 2 BAOSHI ROAD GUAZHOU TOWN 225128 China

**Product:** Cable

**Model(s):** S1 RFOU(i), S2 RFOU(c), S3 BFOU(i), S4 BFOU(c), S1/S5 RFOU(i), S2/S6 RFOU(c), S3/S7 BFOU(i), S4/S8 BFOU(c)

<b>Certificate Type</b>	<b>Certificate Number</b>	<b>Issue Date</b>	<b>Expiry Date</b>
Product Design Assessment (PDA)	17-DL1657153-PDA	11-AUG-2017	10-AUG-2022
Manufacturing Assessment (MA)	18-NJ3513794	19-JUN-2018	07-AUG-2023
Product Quality Assurance (PQA)	NA	NA	NA

### **Tier**

3

### **Intended Service**

Control, instrumentation and Communication cables for Shipboard and Offshore Installations. Not intended for use as propulsion cable.

### **Description**

S1 RFOU(i) Ethylene propylene rubber insulated individually screened halogen-free compound inner covering tinned copper wire braided SHF2 outer sheathed communication cable;

S2 RFOU(c) Ethylene propylene rubber insulated collectively screened halogen-free compound inner covering tinned copper wire braided SHF2 outer sheathed communication cable;

S3 BFOU(i) Ethylene propylene rubber insulated fire resistant taped individually screened halogen-free compound inner covering tinned copper wire braided SHF2 outer sheathed communication cable;

S4 BFOU(c) Ethylene propylene rubber insulated fire resistant taped collectively screened halogen-free compound inner covering tinned copper wire braided SHF2 outer sheathed communication cable;

S1/S5 RFOU(i) Ethylene propylene rubber insulated individually screened halogen-free compound inner covering tinned copper wire braided SHF MUD outer sheathed communication cable;

S2/S6 RFOU(c) Ethylene propylene rubber insulated collectively screened halogen-free compound inner covering tinned copper wire braided SHF MUD outer sheathed communication cable;

S3/S7 BFOU(i) Ethylene propylene rubber insulated fire resistant taped individually screened halogen-free compound inner covering tinned copper wire braided SHF MUD outer sheathed communication cable;

S4/S8 BFOU(c) Ethylene propylene rubber insulated fire resistant taped collectively screened halogen-free compound inner covering tinned copper wire braided SHF MUD outer sheathed

communication cable

### Ratings

250V, Maximum Conductor Temperature: 90DEG.C;

No. of Pairs: Nominal Cross Section mm2:

1x2 thru 24x2, 27x2, 30x2, 33x2, 37x2, 48x2; 0.75, 1.0, 1.5, 2.5

1x3 thru 24x3, 27x3, 30x3, 33x3, 37x3, 48x3; 0.75, 1.0, 1.5, 2.5

### Service Restrictions

Unit Certification is not required for this product. If the manufacturer or purchaser request an ABS Certificate for compliance with a specification or standard, the specification or standard, including inspection standards and tolerances, must be clearly defined.

### Comments

The Manufacturer has provided a declaration about the control of, or the lack of Asbestos in this product.

### Notes, Drawings and Documentation

Document No.: NA

Document Name: SHIPBOARD CABLE INFORMATION

Testing Laboratory: China National Center for Quality Supervision Test of Electric Wire and Cable

Report Nos and Date: CT06-1458-5 BFOU(c) S4(2006-09-21), CT06-1458-6 BFOU(i) S3/S7(2006-09-21), CT06-1458-5 RFOU(i) S1(2006-09-21), CT06-1458-8 RFOU(c) S2/S6(2006-09-21)

### Term of Validity

This Product Design Assessment (PDA) Certificate 17-DL1657153-PDA, dated 11/Aug/2017 remains valid until 10/Aug/2022 or until the Rules or specifications used in the assessment are revised (whichever occurs first).

This PDA is intended for a product to be installed on an ABS classed vessel, MODU or facility which is in existence or under contract for construction on the date of the ABS Rules or specifications used to evaluate the Product.

Use of the Product on an ABS classed vessel, MODU or facility which is contracted after the validity date of the ABS Rules and specifications used to evaluate the Product, will require re-evaluation of the PDA.

Use of the Product for non ABS classed vessels, MODUs or facilities is to be to an agreement between the manufacturer and intended client.

### ABS Rules

1-1-4/7.7, 1-1/A3 and 4, 4-8-3/9, 4-8-5/5.17.11, 4-8-5/3.13.3 of Steel Vessel Rules (2017)

1-1-4/9.7, 1-1/A2 and 3, 4-3-4/7.1, 6-1-7/17.3.6 of MODU Rules (2017)

1-1-4/7.7, 1-1-A3 and 4, 4-6-4/13, 4-6-5/3.17.11 of Steel Vessels Under 90 Meters (295 Feet) in Length (2017)

1-1-4/9.7, 1-1-A2 and 3, 3-6/13 of Facilities on Offshore Installations (2017)

1-1-4/7.7, 1-1-A3 and 4, 4-8-3/9, 4-8-5/5.17.11 of Offshore Support Vessels (2017)

1-1-4/11.9, 1-1-A2 and 3, 4-6-4/13, 4-6-5/3.17.11 of High-Speed Craft (2017)

1-1-4/7.7, 1-1-A3 and 4, 4-1-3/9 of Steel Barge Rules (2017)

### International Standards

IEC60092-350 (2014), IEC60092-376 (2003), IEC60092-360 (2014), IEC60332-3 Category A (2009), IEC60331 (2009)

**EU-MED Standards**

NA

**National Standards**

NA

**Government Standards**

NA

**Other Standards**

NEK606:2009



A handwritten signature in blue ink, appearing to read 'James W. ...'.

Corporate ABS Programs  
American Bureau of Shipping  
Print Date and Time: 16-Oct-2020 12:46

ABS has used due diligence in the preparation of this certificate, and it represents the information on the product in the ABS Records as of the date and time the certificate is printed.

If the Rules and/or standards used in the PDA evaluation are revised or if there is a design modification (whichever occurs first), a PDA revalidation may be necessary.

The continued validity of the MA is dependent on completion of satisfactory audits as required by the ABS Rules. The validity of both PDA and MA entitles the product to receive a **Confirmation of Product Type Approval**.

Acceptance of product is limited to the "Intended Service" details prescribed in the certificate and as per applicable Rules and Standards.

This Certificate is valid for installation of the listed product on ABS units which exist or are under contract for construction on or prior to the effective date of the ABS Rules and standards applied at the time of PDA issuance. ABS makes no representations regarding Type Approval of the Product for use on vessels, MODUs or facilities built after the date of the ABS Rules used for this evaluation.

Type Approval requires Drawing Assessment, Prototype Testing and assessment of the manufacturer's quality assurance and quality control arrangements. The manufacturer is responsible to maintain compliance with all specifications applicable to the product design assessment. Unless specifically indicated in the description of the product, certification under type approval does not waive requirements for witnessed inspection or additional survey for product use on a vessel, MODU or facility intended to be ABS classed or that is presently in class with ABS.

Due to wide variety of specifications used in the products ABS has evaluated for Type Approval, it is part of our contract that; whether the standard is an ABS Rule or a non-ABS Rule, the Client has full responsibility for continued compliance with the standard.

Questions regarding the validity of ABS Rules or the need for supplemental testing or inspection of such products should, in all cases, be addressed to ABS.