Certificate No: LR21149042TA
Issue Date: 19/04/2021
Expiry Date: 18/04/2026

Type Approval Certificate

This is to certify that the undernoted product(s) has/have been tested with satisfactory results in accordance with the relevant requirements of the Lloyd's Register Type Approval System.

Manufacturer	**Jiangsu Yangzi Cable Group Co.,Ltd**
Address	No.146 Xiangyuan Road High-Tech Development Zone, Yangzhou, Jiangsu, 225127, China
Place of Production	Jiangsu Yangzi Cable Group Co.,Ltd No.146 Xiangyuan Road High-Tech Development Zone, Yangzhou, Jiangsu, 225127, China
Type	Control and Instrumentation Cables
Description	CHJV, CHJVP, CHJP, CHJPF, CHJPFP, CHJ, CHJPJ, CHJPJP, CHEV, CHEVP, CHEF, CHEFP, CHEPF, CHEPFP, CHEPJ, CHEPJP, CKJV, CKJ, CKJPF, CKJPJ, CKEV, CKEF, CKEPF, CKEPJ series types of Shipboard control and instrumentation Cables
Trade Name	CHJV, CHJVP, CHJP, CHJPF, CHJPFP, CHJ, CHJPJ, CHJPJP, CHEV, CHEVP, CHEF, CHEFP, CHEPF, CHEPFP, CHEPJ, CHEPJP, CKJV, CKJ, CKJPF, CKJPJ, CKEV, CKEF, CKE
Application	Fixed wiring on ship and offshore installations
Specified Standard	Manufacturer's specification IEC60092-350:2020; IEC60092-376:2017; IEC60092-360:2021; IEC60228:2004; IEC60331-1, -2 :2018; IEC60332-1-2:2004+A1: 2015; IEC60332-3-22:2018;

Downloaded Copy

Ke Lin Zhang

Lead Specialist to Lloyd's Register
Classification Society (China) Co Ltd
A member of the Lloyd's Register group

19th Floor, 550 Yan An dong Road, Shanghai,
Huangpu District, China

Lloyd's Register Group Limited, its affiliates and subsidiaries and their respective officers, employees or agents are, individually and collectively, referred to in this clause as 'Lloyd's Register'. Lloyd's Register assumes no responsibility and shall not be liable to any person for any loss, damage or expense caused by reliance on the information or advice in this document or howsoever provided, unless that person has signed a contract with the relevant Lloyd's Register entity for the provision of this information or advice and in that case any responsibility or liability is exclusively on the terms and conditions set out in that contract.

Certificate No: LR21149042TA
Issue Date: 19/04/2021
Expiry Date: 18/04/2026

Type Approval Certificate

IEC60754-1, -2:2011+A1: 2019; IEC61034-1~2:2005+A2:2019;

Ratings

/SA, /NA
Types: CHJV, CHJV80, CHJV90, CHJV82, CHJV92, CHJ82, CHJ92, CHJVP,
CHJVP80, CHJVP90, CHJVP82, CHJVP92, CHJP82, CHJP92;
/SC, /NC, /NSC
Types: CHJPF, CHJPF80, CHJPF90, CHJPF86, CHJPF96
CHJPFP, CHJPFP80, CHJPFP90, CHJPFP86, CHJPFP96
CHJ86, CHJ96, CHJP86, CHJP96
CHJPJ, CHJPJ80, CHJPJ90, CHJPJ85, CHJPJ95,
CHJPJP, CHJPJP80, CHJPJP90, CHJPJP85, CHJPJP95
CHJ85, CHJ95, CHJP85, CHJP95
/SA, /NA
Types: CHEV, CHEV80, CHEV90, CHEV82, CHEV92
CHEVP, CHEVP80, CHEVP90, CHEVP82, CHEVP92
CHEF, CHEF80, CHEF90, CHEF82, CHEF92
CHEFP, CHEFP80, CHEFP90, CHEFP82, CHEFP92
/SC, /NC, /NSC
Types: CHEPF, CHEPF80, CHEPF90, CHEPF86, CHEPF96
CHEPFP, CHEPFP80, CHEPFP90, CHEPFP86, CHEPFP96
CHEPJ,CHEPJ80, CHEPJ90, CHEPJ85, CHEPJ95
CHEPJP,CHEPJP80, CHEPJP90, CHEPJP85, CHEPJP95,
RatedVoltage:150/250V
No. of Cores: 1,2, 3, 4, 5, 7, 10, 12, 14, 16, 19, 24, 27, 30, 33, 37, 43, 48 pairs
1, 2, 3, 4, 5, 7,10, 12, 14, 16, 19, 24, 27, 30, 33, 37, 43, 48 triples
Conductor Cross Section(mm^2): 0.5, 0.75, 1.0,1.5, 2.5
/SA,/NA
Types: CKJV, CKJV80, CKJV90, CKJV82, CKJV92, CKJ82, CKJ92
CKEV, CKEV80,CKEV82, CKEV90, CKEV92,
CKEF, CKEF80,CKEF90, CKEF82, CKEF92,
/SC, /NC, /NSC
Types: CKJPF, CKJPF80, CKJPF90, CKJPF86, CKJPF96,CKJ86, CKJ96
CKJPJ,CKJPJ80, CKJPJ90, CKJPJ85, CKJPJ95, CKJ85, CKJ95
CKEPF,CKEPF80, CKEPF90, CKEPF86, CKEPF96
CKEPJ, CKEPJ80,CKEPJ90, CKEPJ85, CKEPJ95

Downloaded Copy

19th Floor, 550 Yan An dong Road, Shanghai,
Huangpu District, China

Lloyd's Register Group Limited, its affiliates and subsidiaries and their respective officers, employees or agents are, individually and collectively, referred to in this clause as 'Lloyd's Register'. Lloyd's Register assumes no responsibility and shall not be liable to any person for any loss, damage or expense caused by reliance on the information or advice in this document or howsoever provided, unless that person has signed a contract with the relevant Lloyd's Register entity for the provision of this information or advice and in that case any responsibility or liability is exclusively on the terms and conditions set out in that contract.

Certificate No: LR21149042TA
Issue Date: 19/04/2021
Expiry Date: 18/04/2026

Type Approval Certificate

RatedVoltage:150/250V
No. of Cores: 2, 3(2+E), 4, 5, 7, 10, 12, 14, 16, 19, 24,27, 30, 33, 37
Conductor Cross Section(mm^2): 0.5, 0.75, 1.0,1.5, 2.5

Conductor Max. Temp.(°C) : 90
Notes:
S: Bunched cable flammability
A: smoke and halogen
C: Low smoke halogen free
N: Fire resistant

This certificate is not valid for equipment, the design, ratings or operating parameters of which have been varied from the specimen tested. The manufacturer should notify Lloyd's Register Classification Society (China) Co Ltd of any modification or changes to the equipment in order to obtain a valid Certificate.

The Design Appraisal Document LR21149042TA and its supplementary Type Approval Terms and Conditions form part of this Certificate.

Downloaded Copy

19th Floor, 550 Yan An dong Road, Shanghai,
Huangpu District, China

Lloyd's Register Group Limited, its affiliates and subsidiaries and their respective officers, employees or agents are, individually and collectively, referred to in this clause as 'Lloyd's Register'. Lloyd's Register assumes no responsibility and shall not be liable to any person for any loss, damage or expense caused by reliance on the information or advice in this document or howsoever provided, unless that person has signed a contract with the relevant Lloyd's Register entity for the provision of this information or advice and in that case any responsibility or liability is exclusively on the terms and conditions set out in that contract.