



Product Service

CERTIFICATE

No. Z2 119531 0003 Rev. 00

Holder of Certificate: **T&S Communications Co., Ltd.**

T&S Hi-tech Park
Jinxiu Middle Road 8, Xiuxin Community, Kengzi Street
Pingshan District
518118 Shenzhen City, Guangdong Province
PEOPLE'S REPUBLIC OF CHINA

Certification Mark:



Product:

**Photooptical apparatus
(Optical Transceiver)**

The product was tested on a voluntary basis and complies with the essential requirements. The certification mark shown above can be affixed on the product. It is not permitted to alter the certification mark in any way. In addition, the certification holder must not transfer the certificate to third parties. This certificate is valid until the listed date, unless it is cancelled earlier. All applicable requirements of the testing and certification regulations of TÜV SÜD Group have to be complied. For details see: www.tuvsud.com/ps-cert

Test report no.: 64713223004601

Valid until: 2026-10-06

Date, 2023-10-09

(Peter Jia)



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Model(s):

TSSSS-85C-XXXT, TSSLS-NAACC1T, TSSLS-NCNCE3T, TSSLS-CXXCE3T, TSSLS-CXXCF3T, TSSLS-CXXCH3T, TSSLS-DXXCH3T, TSSLS-DXXCK3T, TSSSS-85E-XXXT, TSSLS-NAAEB1T, TSSLS-NCNEE3T, TSSLS-CXXEE3T, TSSLS-CXXEF3T, TSSLS-CXXEH3T, TSSLS-DXXEH4T, TSQM4-NAAGC1T, TSQSQ-85G-XXXT, TSQM4-NAAJB1T, TSQSQ-85J-XXXT, TSQL4-F22JE3T, TSQL4-E11JE3T, TSQM4-NAALB1T, TSQSQ-85L-XXXT, TSDM8-NAAMB1T, TSDSD-85M-XXXT

Remark:

- 1) XXX means the reach range. XXX=000~999.
 - 2) XX means the wavelength. For models of DWDM, XX=01~81.
- For models of CWDM, XX=27, 29, 31, 33, 35, 37, 39, 41, 43, 45, 47, 49, 51, 53, 55, 57, 59, 61

Description of Object:

Rated input voltage: 3.15~3.45VDC
 Data rate: See model list
 Power Consumption: See model list
 Protection class: III

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Model	Product Description	Data Rate (Gbit/s)	Power Consumption
TSSSS-85C-XXXT	SFP+AOC	10G	<1.0W
TSSLS-NAACC1T	SFP+SR	10G	<1.0W
TSSLS-NCNCE3T	SFP+LR	10G	<1.0W
TSSLS-CXXCE3T	SFP+CWDM	10G	<1.0W
TSSLS-CXXCF3T	SFP+CWDM	10G	<1.5W
TSSLS-CXXCH3T	SFP+CWDM	10G	<1.5W
TSSLS-DXXCH3T	SFP+DWDM	10G	<1.5W
TSSLS-DXXCK3T	SFP+DWDM	10G	<1.6W
TSSSS-85E-XXXT	SFP28 AOC	25G	<1.0W
TSSLS-NAAEB1T	SFP28 SR	25G	<1.0W
TSSLS-NCNEE3T	SFP28 LR	25G	<1.5W
TSSLS-CXXEE3T	SFP28 CWDM	25G	<1.5W
TSSLS-CXXEF3T	SFP28 CWDM	25G	<1.5W
TSSLS-CXXEH3T	SFP28 CWDM	25G	<1.5W
TSSLS-DXXEH4T	SFP28 DWDM	25G	<1.5W
TSQM4-NAAGC1T	QSFP+SR4	40G	<2.0W
TSQSQ-85G-XXXT	QSFP+AOC	40G	<2.0W
TSQM4-NAAJB1T	QSFP28 SR4	100G	<2.5W
TSQSQ-85J-XXXT	QSFP28 AOC	100G	<2.5W
TSQL4-F22JE3T	QSFP28 LR4	100G	<4W
TSQL4-E11JE3T	QSFP28 CWDM4	100G	<4W
TSQM4-NAALB1T	QSFP56 SR4	200G	<5W
TSQSQ-85L-XXXT	QSFP56 AOC	200G	<5W
TSDM8-NAAMB1T	QSFPDD SR8	400G	<10W
TSDSD-85M-XXXT	QSFPDD AOC	400G	<10W

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Tested according to:

EN 55032:2015/A11:2020
 EN 55035:2017/A11:2020