

TEST REPORT

REPORT NO: CTNT2501030130301



Product name: Optical Amplifier

Model No.: AEDFA-PA-35-B-FA

Applicant: Amonics Limited

Test procedure: Type Test

Shenzhen Zhongwei Testing Technology Co., Ltd.



TEST REPORT
IEC 60825-1
Safety of laser products –
Part 1: Equipment classification and requirements
IEC 60825-2
Safety of laser products –
Part 2: Safety of optical fibre communication systems (OFCSS)

Report Number.....: CTNT2501030130301

Date of issue.....: March 19, 2025

Name of Testing Laboratory preparing the Report
 Shenzhen Zhongwei Testing Technology Co., Ltd.
 Room 1A106, 1/F., No.109, Lijia Road, Henggang, Henggang Street,
 Longgang District, Shenzhen, Guangdong, China
 Tel: 086-13662574496
 E-mail: admin@ctnt-cert.com
 Web: www.ctnt-cert.com

Applicant's name Amonics Limited

Address.....: 14/F, Lee King Industrial Building, 12 Ng Fong Street, San Po Kong,
 Kowloon, Hong Kong

Manufacturer's name.....: Amonics Limited

Address.....: 14/F, Lee King Industrial Building, 12 Ng Fong Street, San Po Kong,
 Kowloon, Hong Kong

Test specification:

Standard.....: IEC 60825-1: 2014&IEC 60825-2:2021

Test procedure Type Test

Non-standard test method.....: N/A

Test Report Form No.....: IEC60825_1G

Test Report Form(s) Originator.....: OVE

Master TRF.....: Dated 2021-10-05

General disclaimer:

The test results presented in this report relate only to the object tested.

This report shall not be reproduced, except in full, without the written approval of the Issuing CTNT Testing Laboratory.

The authenticity of this Test Report and its contents can be verified by contacting the CTNT, responsible for this Test Report.

Test item description.....: Optical Amplifier

Trademark.....:  **Amonics**
Specialist in Optical Amplifiers

Model/Type reference.....: AEDFA-PA-35-B-FA, AEDFA-a-b-c-d-e-f-g-h, ARA-a-b-c-d-e-f-g-h,
ARFA-a-b-c-d-e-f-g-h, ASOA-a-b-c-d-e-f-g-h, AYDFA-a-b-c-d-e-f-g-h,
ALiDAR-a-b-c-d-e-f-g-h, ABDFA-a-b-c-d-e-f-g-h

Ratings.....: 90-240V~, 47-63Hz 20W

Responsible Testing Laboratory (as applicable), testing procedure and testing location(s):

| | | |
|---|--|--|
| Laboratory Name | Shenzhen Zhongwei Testing Technology Co., Ltd. | |
| Testing location/ address | Room 1A106, 1/F., No.109, Lijia Road, Henggang, Henggang Street, Longgang District, Shenzhen, Guangdong, China | |
| Tested by (Test Engineer).....: | Oliver Long |  |
| Reviewed by (Supervisor).....: | Airan Lu |  |
| Approved by (Chief Engineer).....: | Flight Lee |  |

List of Attachments (including a total number of pages in each attachment):

- Test data graph, Photo document

Summary of testing:

| | |
|---|---|
| <p>Tests performed (name of test and test clause):</p> <p>Determination of the result includes consideration of measurement uncertainty from the test equipment and methods.</p> <p>According to the test of IEC 60825-1 Safety of laser products – Part 1 and IEC 60825-2: 2021 Safety of optical fiber communication systems- Part-2 Equipment classification and requirements.</p> <p>This product complied with the requirements of Class 3B.</p> | <p>Testing location:</p> <p>Shenzhen Zhongwei Testing Technology Co., Ltd. Room 1A106, 1/F., No.109, Lijia Road, Henggang, Henggang Street, Longgang District, Shenzhen, Guangdong, China Tel: 086-755-28680489 E-mail: admin@ctnt-cert.com Web: www.ctnt-cert.com</p> |
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Test item particulars

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| Classification of installation and use: | transportable / portable / stationary / mobile / fixed / permanently installed / hand-held |
| Supply Connection | internally powered / permanently installed / appliance coupler / non-detachable cord |