

TEST REPORT

REPORT NO: CTNT2501030130101



Product name: Optical Amplifier

Model No.: AEDFA-18-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.....:** CTNT2501030130101**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
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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.

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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-18-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 1M.</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

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