

- Careers (<https://www.nuphoton.com/careers/>)
- Blog (<https://www.nuphoton.com/blog/>)
- Contact Us (<https://www.nuphoton.com/contact-us/>)
- Awards & Certifications (<https://www.nuphoton.com/awards-and-certifications/>)

EDFL-DataTx

Key Features

- 2.5Gbps or 10Gbps digital data imposed on CW light at 1550 nm
- All-in-one digital / optical data transmitter with average optical power up to 3W inside an OEM module

Applications

- Telecom, Test & Measurement, R&D etc.

Add to Quote

Categories: CW (<https://www.nuphoton.com/product-category/lasers/cw/>), Lasers (<https://www.nuphoton.com/product-category/lasers/>)



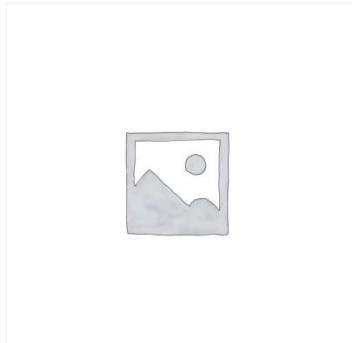
Specifications

Description

Model Number	EDFL-DataTx-1550-2.5G-3-FCA
Fiber Laser Pulses Timing	External Triggered, 50-W AC coupled input
Center Wavelength [nm]	1550
Digital Data Rate [Gbps]	2.5
Laser Output Power [W]	3
Laser Output Termination	FC/APC
Polarization	Random
Output Beam Quality	Single mode
Dimension [inch]	11 x 8.5 x 2.5
Operation Temperature [°C]	-5 to +50 Case Temperature
Input Voltage	+28VDC
DC power Consumption [W]	≤ 50

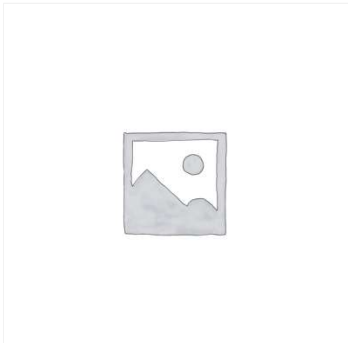
Specifications are subject to change without prior notice.

Related products



Green Laser, Type GL-200mW
\$100.00
(<https://www.nuphoton.com/shop/green-laser-type-gl-200mw/>)

Read more
(<https://www.nuphoton.com/shop/green-laser-type-gl-200mw/>)



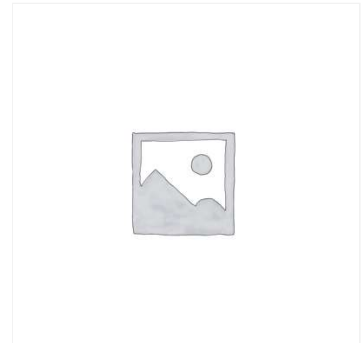
Fiber Laser at 2 um, Type TDFL-Nano
(<https://www.nuphoton.com/shop/tdfl-nano/>)

Read more
(<https://www.nuphoton.com/shop/tdfl-nano/>)



YDFL-Nano-20W
(<https://www.nuphoton.com/shop/ydf-nano-20w/>)

Read more
(<https://www.nuphoton.com/shop/ydf-nano-20w/>)



TDFL-CW 5W
(<https://www.nuphoton.com/shop/tdfl-cw-5w/>)

Read more
(<https://www.nuphoton.com/shop/tdfl-cw-5w/>)

REQUEST A CALL BACK

About Us

Nuphoton Technologies Inc. Nuphoton Technologies, Inc. is a pioneer in fiber lasers and fiber amplifiers with applications covering industrial, defense, aerospace, biomedical, telecommunications and research areas. The company is in operation since ...

[Read More \(https://www.nuphoton.com/about-us/\)](https://www.nuphoton.com/about-us/)

Latest News

Space-Qualified EDFAs rated for LEO and GEO applications to be qualified in the second half of 2017

Radiation hardened fiber optics and control electronics are implemented in this product to the level of 100krad. A low noise preamplifier and a high-p ...

[Read More \(https://www.nuphoton.com/news-and-events/\)](https://www.nuphoton.com/news-and-events/)

Information

- [Home \(https://www.nuphoton.com/home/\)](https://www.nuphoton.com/home/)
- [About Us \(https://www.nuphoton.com/about-us/\)](https://www.nuphoton.com/about-us/)
- [Careers \(https://www.nuphoton.com/careers/\)](https://www.nuphoton.com/careers/)
- [Contact Us \(https://www.nuphoton.com/contact-us/\)](https://www.nuphoton.com/contact-us/)

Contact Us

📍 41610 Corning Place,
Murrieta, CA 92562 USA

☎ +1-951-696-8366

📠 (951) 696-8394

✉ info@nuphoton.net (mailto:info@nuphoton.net)

- **f** (<https://www.facebook.com/Nuphoton-Technologies-504155636435502>)
- **G+** (<https://plus.google.com/112639929619553107105>)
- **in** (<https://www.linkedin.com/company/nuphoton-technologies>)

© 2017 Nuphoton Technologies, Inc.

