



Description

EDFA is a high performance optical product with famous brand microprocessor. High dependability, low noise, especially double pump design makes a better noise figure. And with high performance to price ratio, it is suitable for using in large and middle-size network.

Feature

- U Double pump structure (980nm, 1480nm).
- U Microprocessor automatic control circuit.
- U High performance Erbium-Doped fiber.
- U Low noise, high power and excellent reliability.
- U Output optical power 14 ~ 24 dBm.
- U VFD, 19" 1U standard framework, RS-485 RS-232 port.

Electrical performance

Item	Unit	Specification
Optical Wavelength	nm	1550±15
Input Power Range	dBm	-3~+10
Output Power Range	dBm	+14~+24
Output Power stability	dB	±0.5
Noise Figure	dB	5.0 (Input power 0dBm)
Return Loss IN	dB	45
Return Loss OUT	dB	45
Pump Leakage Power IN	dBm	-30
Pump Leakage Power OUT	dBm	-30
C/CTB	dB	65(59 channels PAL-D)
C/CSO	dB	65(59 channels PAL-D)
C/N	dB	51(59 channels PAL-D)

General

- U Double pump structure (980nm, 1480nm).
- U Connectors : FC/APC or SC/APC
- U Power Supply : AC160~250V (50Hz)
- U Operating Temperature : -5 ~ +55
- U Storage Temperature : -30 ~ +70
- U Relative Humidity: max. 95% no condensation

For detailed inquiry please contact our sales team at sales@exfiber.com

Exfiber Optical Technologies Limited

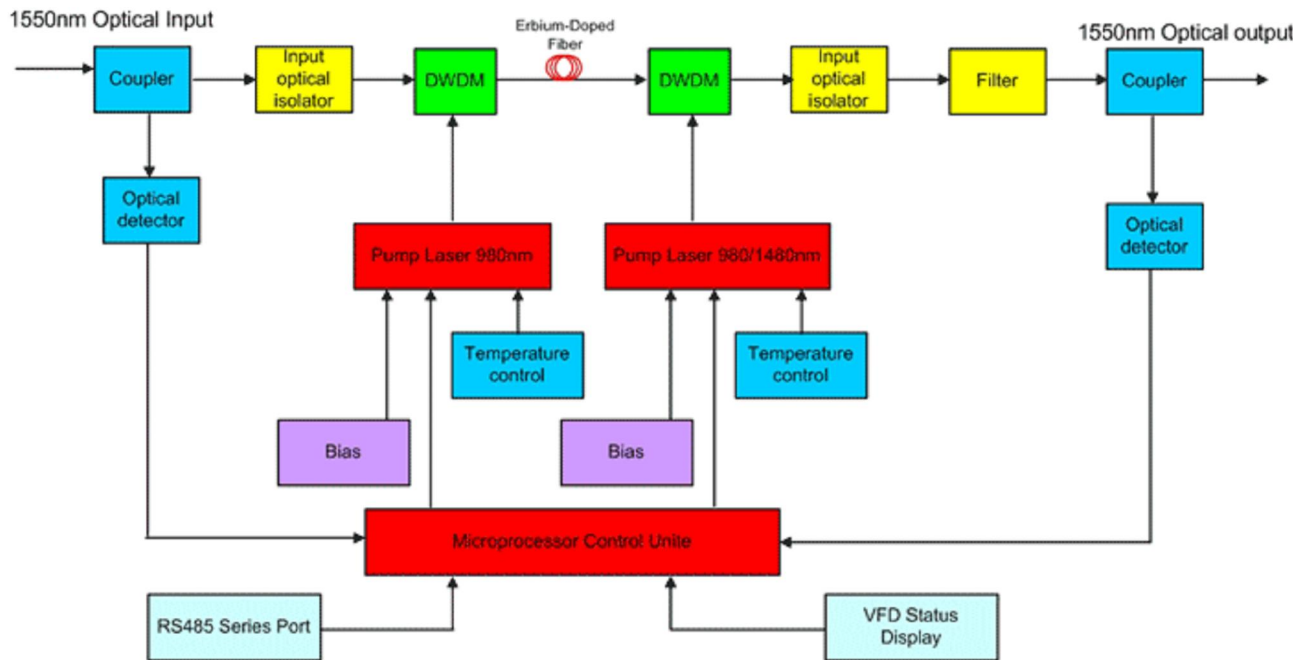
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EDFA-1550xx

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- Dimension: 483 (W)*381 (L)*45 (H) mm
- Weight: Kg

Block Diagram



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