

Key Features

- 2 μm fiber amplifier OEM module with standard RS232 communication interface

Applications

- Test & Measurement, Fiber Sensing, R&D, etc.

Typical Specifications

Parameter	Min.	Typ.	Max.	Units
Wavelength range ⁽¹⁾	1940	-	2010	nm
Input power	-10	0		dBm
Output power	-	-	37	dBm
Signal gain		30		dB
Polarization extinction ratio ⁽¹⁾		17		dB
Temperature range of operation	-5	25	50	$^{\circ}\text{C}$
Input voltage rating ⁽²⁾	+24			VDC
Power dissipation ⁽³⁾	-	-	120	W
Input/Output Connectors	Customer specified, FC/UPC, FC/APC, etc.			

Note:

- (1) Applies to polarization maintaining TDFA
- (2) Depends on the selection of the optical output power
- (3) Depends on the selection of the optical output power






Specifications are subject to change without prior notice

Ordering Information:

 800 Village Walk #316
 Guilford, CT 06437
 Ph: 203-401-8093

 Email orders to: sales@xsoptix.com
 Fax orders to: 800-878-7282

Ordering Information:

TDFA TDPMFA <u>Polarization Option</u>	- CW-	 <u>Center Wavelength</u>	-  - <u>Package Type</u>	 -  -  <u>Output Power (dBm)</u> <u>Signal Gain (dB)</u> <u>Optical Termination</u>
PMFA Linear Polarization		2 μ m 2u 1940 – 2010 nm	RS Nuphoton custom chassis, control electronics included	30 +30 dBm 30 30 dB FCU FC/UPC FCA FC/APC LCU LC/UPC LCA LC/APC SCU SC/UPC SCA SC/APC CUS Customer Specified
			PR 19" rack-mount	

2 Ordering Examples:

Model Number	TDFA-CW-2u-RS-17-20-FCA
Wavelength Range [nm]	1940 - 2010
Package Type	Module, Nuphoton custom chassis
Saturated Optical Output Power [dBm]	+17
Signal Gain [dB]	20
Optical Input / Output Termination	FC/APC

Model Number	TDPMFA-CW-2u-RS-30-30-FCA
Wavelength Range [nm]	1940 - 2010
Package Type	Module, Nuphoton custom chassis
Saturated Optical Output Power [dBm]	+30
Nominal Signal Gain [dB]	30
Polarization option	Linear polarization maintaining
Optical Input / Output Termination	FC/APC



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Website: www.nuphoton.com

Nuphoton custom chassis:

1.8W chassis

Supercontinuum chassis [with fans]