

The Mini Erbium Doped Fiber Amplifier is an optical gain module offering compact package, cost-reduced amplification of optical signal for a variety of applications. An electronic control circuit is integrated inside the module. The operating mode is automatic power control. Qualified uncooled pump is used to enable small power consumption.

Features

- ◆ Compact package of 50*30*8mm
- ◆ Low power consumption
- ◆ Automatic power control
- ◆ High reliability
- ◆ Cost reduced



Application

- ◆ Single-channel optical communication network
- ◆ Metro network or optical access network
- ◆ Parallel telecommunications

Compliance

- ◆ Telcordia GR-1312-CORE
- ◆ RoHS 6

Specifications

Parameters	Specifications			Unit
	Min.	Typ.	Max.	
Operating wavelength	1528.5		1567	nm
Input power ¹	-10	-8	0	dBm
Output power	0	7	9	dBm
Control mode	AGC			--
Noise Figure@ Typical input /output		6	6.5	dB
Output OSNR@ Typical input /output	43.22			dB
Reverse ASE leakage			- 20	dBm
Pump leakage			- 20	dBm
PDG			0.4	dB
PMD			0.4	ps
Return loss	40			dB
Operating ambient temperature	-5		70	°C
Storage temperature	-25		85	°C

¹ Without input monitoring PD

² 0.1nm reference bandwidth for ASE power

Dimension	50*30*8			mm
Electric interface	12pin			--
Connector type ³	LC/UPC			--
Operating voltage		3.3+/-5%		V
Power consumption			2	W

Order Information

For more information on this or other products and their availability, please contact Taclink sales person or Taclink directly at sales@taclink.com.

For More Information

Please contact with Taclink sales to obtain more information and product technical supports.

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³ Can be customized