

1025 High Power EDFA

Features

- Intelligent Electronic Control Built-in
- Up to 26dBm output power
- Low NF design
- Gain Flattened for WDM
- Support Mid-stage
- Support Supervisory Channel Add/Drop
- Support Input and Output Monitoring Taps
- Smart Control Modes (AGC/APC/ACC)
- C-band Or L-band can be Customed
- Telcordia GR-1312 Conforming Reliability



Applications

- Ultra high speed optical commutation system
- Optical communication system
- Long-distance backbone network
- DWDM transmission system

Optical Specifications

Parameter		Min.	Typ.	Max.	Unit
Wavelength Range(Custom)	C-Band	1528		1563	nm
	L-Band	1570		1605	nm
Maximum Output Power				26	dBm
Gain Range(Custom)		10		35	dB
Gain Flatness at Specified Gain(multi-channel EDFA)			±0.5	±1.0	dB
Signal-spontaneous Noise Figure			5	6	dB
Optical Return Loss (at All Ports)		40			dB
Polarization Mode Dispersion			0.3	0.5	ps
Polarization Dependent Gain			±0.2	±0.5	dB
Signal Input & Output Detection Dynamic Range		25	30		dB
Signal Detection Accuracy (Within the Range)			±0.3	±0.5	dB
Operating Temperature		-5		65	°C
Power Supply Voltage		4.75	5.0	5.25	Volt
POP1025M Dimensions (H x W x D) without heatsink		130 x 100 x 15 (mm)			
POP1025 Dimensions (H x W x D) without heatsink		200 x 100 x 31 (mm)			

Ordering information

1025X	—	XX	X	X	XX	—	XX	X
Type		Typical Gain		Type	Max Output Power		Optical Connector	Band
1025—High Power EDFA 1025M—Mini Size High Power EDFA			O—Single Channel W—Mult-Channel	B—Booster L—Line P—PreAmp			FC—FC/PC FA—FC/APC SC—FC/PC SA—FC/PC LC—FC/PC LA—FC/PC Other custom	C—C-Band L—L-Band Other custom

Note: More Custom optical Performance can be choose, Please contact us.