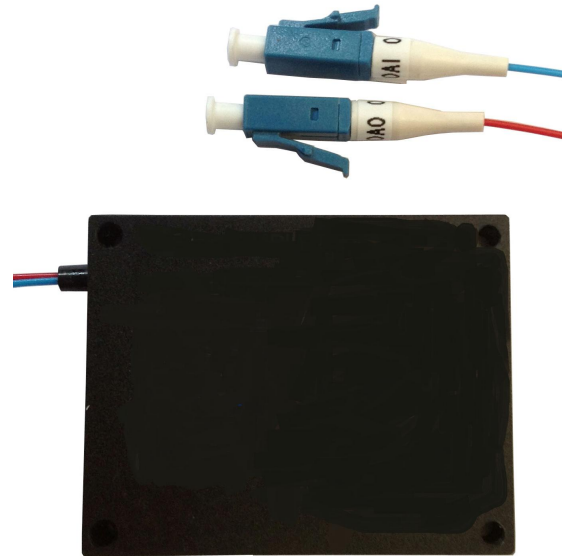


1040V V-Ctrl Mini EDFA

Features

- Ultra Miniature Size EDFA
- Analog Voltage Input Control for Output Power
- Logarithmic Input and Output Power Monitor
- Low NF design
- Fast Transient Response for Output Adjustment
- 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

Optical Specifications

Parameter		Min.	Typ.	Max.	Unit
Wavelength Range(Custom)	C-Band	1528		1565	nm
	L-Band	1570		1605	nm
Maximum Output Power(Custom)				16	dBm
Noise Figure, for G > 20dB			5.0	5.5	dB
Optical Return Loss (at Input and Output Ports)		40			dB
Polarization Mode Dispersion			0.3	0.5	ps
Polarization Dependent Gain			±0.2	±0.5	dB
Signal Detection Accuracy (Within the Range)			±0.3	±0.5	dB
Operating Temperature		0		60	°C
Power Supply Voltage		3.13	3.3	3.47	Volt

Electrical Connector	14 PIN FTMH-107
Dimensions (H x W x D)	50 x 40 x 8.8 (mm)

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

Ordering information

1040 V	—	XX	X	X	XX	—	XX	X
		Typical Gain		Type	Max Ouput Power		Optical Connector	Band
			O—Single 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