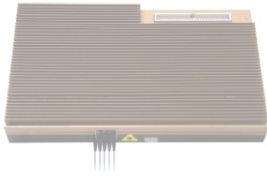


Raman Optical Amplifier Series



Raman optical amplifier series are specifically designed for long haul transmission system. The modules can amplify the signals of C-band, L-band or C&L-band directly, and improve OSNR and other system performance greatly. The products are Telcordia GR-1312-CORE qualified, and RoHS compliant.

Features

- Wide operation wavelength range with excellent gain flatness
- Gain and output pump power adjustable
- Support Auto-Shutdown and Eye Safety Function
- Flexible monitoring interface
- Low power consumption

Applications

- Long haul or ultra long haul networks
- System up to 10Gb/s or 40Gb/s bit rate

Specifications

Parameter	Unit	Value					
		C-Band		L-Band	(C&L)-Band		
		Min.	Typ.	Max.	Min.	Typ.	Max.
Signal Wavelength	nm	1528~1568	1569~1604				
Raman Gain ¹	dB		12			10	
Gain Flatness	dB			1			1.5
Pump Optical Power	mW		600			700	
Polarization Dependent Gain	dB					Max.0.3	
Equivalent Noise Figure	dB					Max.0	
Operation Voltage	V					5±5%	
Power Consumption	W		Max.45			Max.60	
Operation Temperature	°C					-5~+55	
Storage Temperature	°C					-25~+70	
Package	mm					220×130×30	

Note: 1.G.652 fiber, fiber loss is less than 0.25dB/Km.

Ordering information

RPM — — — — — —

Wavelength	Optical Gain	Fiber Dia.	Fiber Length	Connector
C:C-band	10:10dB	09: Φ0.9mm	1:1m	FC,SC,LC,MU/PC,UPC,APC
L:L-band	customer specify		customer specify	
CL:C&L band				