



RPM can amplify the optical signals of C-band, L-band or C&L-band directly, suitable for G.652,G.655 optical fiber, and can improve OSNR and other system performance greatly. The products are Telcordia GR-1312-CORE qualified.

Features

- C-Band,L-Band or C&L-Band
- Output optical power adjustable
- RS-232 communication interface

Applications

- Long haul optical transmission system
- Upgrade the existing system to 10Gb/s or 40Gb/s
- Used as pre-amplifier

Specifications

Parameter	Unit	Value					
		C-Band, L-Band			(C&L)-Band		
		Min.	Typ.	Max.	Min.	Typ.	Max.
Signal wavelength	nm	1528~1562/1570~1605			1528		
Raman gain	dB		10			10	
Gain flatness	dB			1			1.5
Pump optical power	mW		500			700	
Polarization dependent gain	dB			0.2			0.2
Equivalent noise figure	dB			0			0
Operation voltage	V		5			5	
Power consumption	W		35			40	
Operation temperature	°C	0~50					
Storage temperature	°C	-20~70					
Package	mm	200×140×35					

Ordering information

RPM — [] — [] — [] — [] — []				
C:C-band L:L-band CL:C&L-band	10:10dB customer specify	09:Φ0.9mm	1:1.0m customer specify	FC,SC,LC,MU/ PC,UPC,APC
Wavelength	Optical gain	Fiber Dia.	Fiber length	Connector