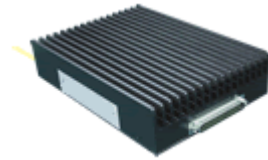


Raman Fiber Amplifier



Raman Pump Module can amplify the optical signal of C-band, L-band, C&L-band directly, suitable for G.652, G.655 optical fiber, and can improve OSNR and system performance greatly. The products meet the Telcordia GR-1312-CORE.

Features

C-Band,L-Band,C&L-Band

Output optical power adjustable RS-232 interface

Applications

Long haul optical transmission system

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

Specifications

Parameter	Unit	C-Band, L-Band			C+ L-Band		
		Min.	Typ.	Max.	Min.	Typ.	Max.
Signal Wavelength	nm	1528~1562/1570~1605			1528~1605		
Raman Gain*	dB	10			10		
Gain Flatness*	dB	1.0			1.2		
Total Input Optical Power	dBm	-40			-40		
Pump Optical Power	mW	500			700		
Polarization Dependent Gain	dB	0.2			0.2		
Equivalent Noise Figure	dB	0			0		
Power supply	V	5			5		
Power Consumption	W	35			40		
Operation Temperature	℃	0~+50					
Storage Temperature	℃	-20~+70					
Dimensions	mm	200×140×45					

*Measured with SMP28 Fiber and Fiber attenuation is less than 0.25dB/Km

Ordering Information