

Remote Optically Pumped Amplifier



Product Introduction

ROPA series are especially designed for unrepeated Ultra-long span optical transmission system, to considerably extend the transmission distance.

Features

- High output power of RPU, supporting separate fiber pump and identical fiber pump.
- High gain efficiency for the small signal
- RGU operation temperature: -40~60°C

Applications

- Ultra-long span transmission system

Standards

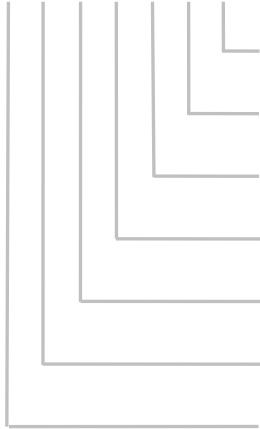
- Telcordia GR-1312-CORE
- RoHS

Specifications

Parameter	Unit	Value			Notes
		Min.	Typ.	Max.	
RPU(Remote Pump Unit)					
Pump Wavelength	nm	1468		1480	
Pump Power	mW	1000		1400	
Pump Consumption	W			80	
RGU(Remote Gain Unit)					
Gain	dB		24		Single Wave System, 1550.12nm
			18		DWDM System
Noise Figure	dB			5.5	@ 24dB Gain
				6.5	@ 18dB Gain

Ordering Information

RPU - □-□-□-□-□-□-□-□



Package: 42: 19 inch and 21 inch racks compatible, 2U height

Power Supply: AA:-48V DC Dual Power

Connector: FC SC,LC,MU/UPC,APC

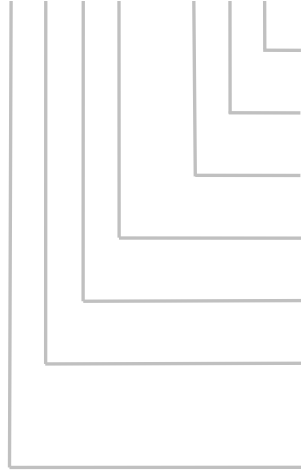
Filter: 0:without filter、 1550.12: fixed center wavelength of filter

Output Power: 30:30dBm、 customer specify

Operating Wavelength: 1480:1480nm、 1410: 1410nm

Pump Form: A: Identical fiber pump、 B: Separate fiber pump

RGU - □-□-□-□-□-09-□-□-□



Connector: Blank: no connector、 FC SC,LC,MU/UPC,APC

Number of the Fiber Core: 1:one fiber、 customer specify

Fiber Length: 1:1m、 customer specify

Output Power: 00:0dBm、 customer specify

Measure Gain: 20:20dBm、 customer specify

Operating Wavelength : C:1528~1562nm 、 L:1570~1606nm 、
1550.12:1550.12 single channel system

Pump Form: A: Identical fiber pump、 B: Separate fiber pump、 C:
Identical and separate fiber