RT-EDFA Series

MAKE YOUR OPTICAL NETWORKS MORE RELIABLE

RT-EDFA equipment is mainly used in the fields where the optical transmit distance needs to be prolonged, and where the system need to be converted. The products are Telcordia GR-1312-CORE qualified.

Features

- High output power and low noise figure
- Being easily deployed with long-distance monitoring and controlling,
- network managing
- Dual power and device abnormity alarming
- SDH 21 inches and 19 inches compatible cabinet

Applications

- Long haul metro and access network
- SDH/SONET, ATM system
- FSO

Specifications

Parameter		Unit	Value		
			Min.	Typ.	Max.
Data Rate			100Mb/s		2.5Gb/s
Input Wavelength Range	Multi-Mode	nm	760		870
	Single-Mode		1100		1650
Input Power	PIN	dBm	-18		-3
	APD		-28		-8
Extinction Ratio		dB	8.2		
Output Central Wavelength		nm	Refer to the order information		
-20dB Spectrum Width		nm			1
SMSR		dB	30		
Mark Test			ITU-T G.957		
Saturated Output Power		dBm	10		18
Power Consumption		W			+40
Operation Temperature		℃	0		+50
Storage Temperature		℃	-25		70
Power Supply		V		-48 DC	
Package		mm	Refer to the order information		

Ordering information

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Rate	Dispersion Limited Distance	Input Wavelength Range	Output Center Wavelength	Connector	Power	Package
1:100/155Mb/s 4:622Mb/s 8:1.25Gb/s 16:2.5 Gb/s 64: 10Gb/s	80:80Km 160:160Km	1:760~870nm/PIN 2:1100～1650nm/PIN 3:1100~1650nm/APD	0:1530~1565nm 1:1550.12nm 2:1550.92nm	FC, SC/PC	A:-48V DC B:220V AC	12:482×200×88 22:530×200×88 42:19 inches and 21 inches compatible