

# RT-EDFA Series



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 abnormality 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		200Mb/s		2.5Gb/s
Input Wavelength Range	Multi-Mode	760		870
	Single-Mode	1100		1650
Input Power	PIN	-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	°C	0		+50
Storage Temperature	°C	-25		70
Power Supply	V		-48 DC	
Package	mm	Refer to the order information		

## Ordering information

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