



This RT-EDFA equipment is mainly used in the fields where the non-repeat optical transmit distance needs to be prolonged. Special techniques of optical receiving-transmitting and optical amplification are adopted in this equipment.

## Features

- Easy to be install
- Support 850nm、1310nm、1550nm wavelength input

## Applications

- Long haul metro and Access Network
- SDH /SONET、ATM system

## Specifications

Parameter	Unit	Value		
		Min.	Typ.	Max.
Data rate		100Mb/s		2.5Gb/s
Input wavelength range	Multi-mode	nm	760	870
	Single-mode	nm	1100	1650
Input power level	PIN	dBm	-18	-3
	APD	dBm	-28	-8
Extion ratio	dB	8.2		
Output wavelength	nm	1530	1550.92	1565
-20dB spectrum width	nm			1
SMSR	dB	30		
Mark test		ITU-T G.957		
Saturated output power	dBm	12		18
Power consumption	W			40
Operating temperature	℃	0		50
Storage temperature	℃	-25		70
Power supply	V	-48 DC		
Package	mm	Refer to the order information		

## Ordering information

Rate	Dispersion limited distance	Output power level	Input wavelength range	Output wavelenth	Connector	Power supply	Package
1:100/155Mb/s 4:622Mb/s 8:1.25Gb/s 16:2.5 Gb/s	80:80Km、 160:160Km、 240:240Km	12dBm 14dBm 15dBm ⋮ 17dBm	1:820~870nm/PIN 2:1100~1650nm/PIN 3:1100~1650nm/APD	0:1535~1565nm 1:1550.12nm 2:1550.92nm	FC、SC/PC	A:-48V DC B:220V AC	12:483×230×87 22:530×200×100