The product is a high stability output EDFA designed by our company and with self-owned intellectual property rights. The core component uses high reliable Pump laser with special APC (Auto Power Control) and ATC (Auto Temperature Control) circuit, so the output power is high stability and reliability. The special optical circuit design guarantees excellent optical performance. The high stable and accurate MPU (Microprocessor) can adjust the system with convenient display.

PUMP we use: Nortel Oclaro JDSU FITEL (Multi-mode pump erbium ytterbium doped) etc.

Parameter	Symbol	Min	Typical	Max	Unit
Wave Length*	λc	1530	-------	1565	nm
Saturated Output Power*	Po	10	------	33	dBm
Input Power	Δλ	-3	------	+10	dBm
Noise Factor	NF	------	4.6@0dBm Input	5	dB
Output Power Stability	ΔPo	-----	±0.05	±0.3	dB
Optical Return Loss	RL	45	-------	------	dB
Input Isolation	ISOi	30	-------	------	dB
Output Isolation	ISOo	30	-------	------	dB
Polarization Dependent Gain	PDG	------	-------	0.5	dB
Input/Output Optical Connector	SC/APC	------	------	------	------
C/N	------	50	------	------	dB
C/CTB	------	63	------	------	dB
C/CSO	------	63	------	------	dB

Electrical Parameters

Parameter	Symbol	Min	Typical	Max	Unit
Working Voltage	V	170	220	260	VAC
Power Consumption	Pc	-----	-----	15	W