



High Power Erbium Doped Fiber Amplifier (EDFA) C-CORP CC-E16-64U 1550NM



1. Application

Single-mode | FTTH | CATV

16 - 64 ports (optional)

2. Performance characteristics

- ◆ Using erbium ytterbium co-doped double-clad fiber technology.
- ◆ Output power: 2-10W(33-40dBm).
- ◆ 16 — 64 ports. **Please refer to the prices of EDFA for the db gain per port and total power.**
- ◆ Built-in low-noise preamplifier, without EDFA cascading, greatly reducing system CNR and MER degradation
- ◆ Output port optional: SC connector 16 to 64 ports optional; LC connector 32 to 128 ports optional; optional WDM.
- ◆ The front panel can be flexibly removed and replaced according to the number of output ports.
- ◆ Optional built-in optical switch module to facilitate the expansion of equipment.
- ◆ Front panel keys can be set to modify the performance parameters of the equipment to meet customer needs of different network design.
- ◆ Cooling fan support online replacement
- ◆ Low noise figure: 0dBm input less than 5dB
- ◆ Perfect network management interface, national standard SNMP network management.
- ◆ Using a dedicated server **mature dual power supply hot backup structure**, controlled by a microcomputer temperature control system with improved system reliability.
- ◆ 0.5~4dB adjustable output power.
- ◆ 2.8-inch large TFT true color display.





C-CORP-CC-E16-64U TECHNICAL SPECS				
Item		Unit	Technical parameter	Supplement
Bandwidth		nm	1535~1565	
Input optical power		dBm	-5 ~ +10	
Max output power		dBm	40	
Output power stability		dBm	±0.1	
Noise		dB	≤ 5.0	Input power 0dBm, λ=1550nm
Return loss	Input	dB	≥ 45	
	Output	dB	≥ 45	
Optical connector			SC/APC,SCUPC,LCAPC,LCUPC	Can be Customized
C/N		dB	≥ 50	Test conditions according to GT / T 184-2002 implementation
C/CTB		dB	≥ 63	
C/CSO		dB	≥ 63	
Supply voltage		V	(PW80) AC220V(160V ~ 265V) / AC110V (90 ~130V) / DC48V (38 ~ 58V) (PW300) AC220V(160V ~ 265V) / AC110V (90 ~130V) / DC48V (38 ~ 58V)	
Consumption		W	≤ 105	
Working temperature		°C	-5 - 42	
Maximum working relative humidity		%	Maximum 95% non-condensing	
Maximum storage relative		%	Maximum 95% non-condensing	
Storage temperature		°C	-30 ~ +70	
Device size		mm	450(L)*482(W)*89(H)	
Package size		mm	640(L)*640(W)*200(H)	