

EDFA WE-1550-YZB-CW



WE-1550-YZ(B)series 1550nm amplifiers adopt advanced Er-Yb co-doped double-clad fiber technology, the maximum total output power is up to +38dBm, and the maximum output ports are up to 32. It can be equipped with optical switch, CWDM, RF detection, which applies to CATV RF signal and IP signal transmission of FTTH network.

Parameter:

Item	Unit	Technique parameters	Remark
Operating bandwidth	nm	1545 - 1565	
Optical input power range	dBm	-5 - +10	
Maximum optical output power	dBm	40	
Output power stability	dBm	±0.5	
Noise figure	dB	≤ 6.0	Optical input power 0dBm, λ=1550nm
Return loss	Input	dB	≥ 45
	Output	dB	≥ 45
Optical Connector Type		SC/APC	
C/N	dB	≥ 50	
C/CTB	dB	≥ 63	
C/CSO	dB	≥ 63	
Power supply voltage	V	A: AC160V - 250V (50 Hz)	
		B: DC48V	



TECHNICAL SPECIFICATIONS



Operating Temperature Range	°C	-10 - 42	
Maximum operating relative humidity	%	Max 95% No Condensation	
Storage Temperature Range	°C	-30 - 70	
Maximum storage relative humidity	%	Max 95% No Condensation	