ZISA EDFA1200

8 PON Port GPON+CATV EDFA COMBINER

keyword: WDM EDFA, CATV Fiber Amplifier

Descrpition

EDFA1200-8 series EDFA combiner is a newest GPON/EPON+CATV FTTH/FTTP triple into one of optical transmitter system equipment, realized combine function of the amplification of optical signal OLT and CATV 1550nm. The optical input number: 1 port of CATV + 8ports PON input ports, 8ports outputs of 1550nm/1490nm/1310nm combine output, the combined optical output power rate: 35~40dBm. plug-in power supply, achieved the function of OLT and CATV 1550nm optical single combined and amplify, having high cost performance value.

Features

| Apply to FTTH GPON/EPON network, combine 1310/1490/1550nm into 1 fiber.
| 8 uplink optical ports used in OLT, 8 ports of PON and 1550nm CATV EDFA Combiner out ,Each output port for optical amplifier has built-in well-performed WDM, and 1550nm CATV's out-put optical port multiplexes 1310/1490nm data stream and not lose.

| Double cooling system to protect the pump laser.

| RJ45 Port for Plug-in SNMP system can remote management at any time.

| Adopting JDSU, Bookham and Fitel laser.

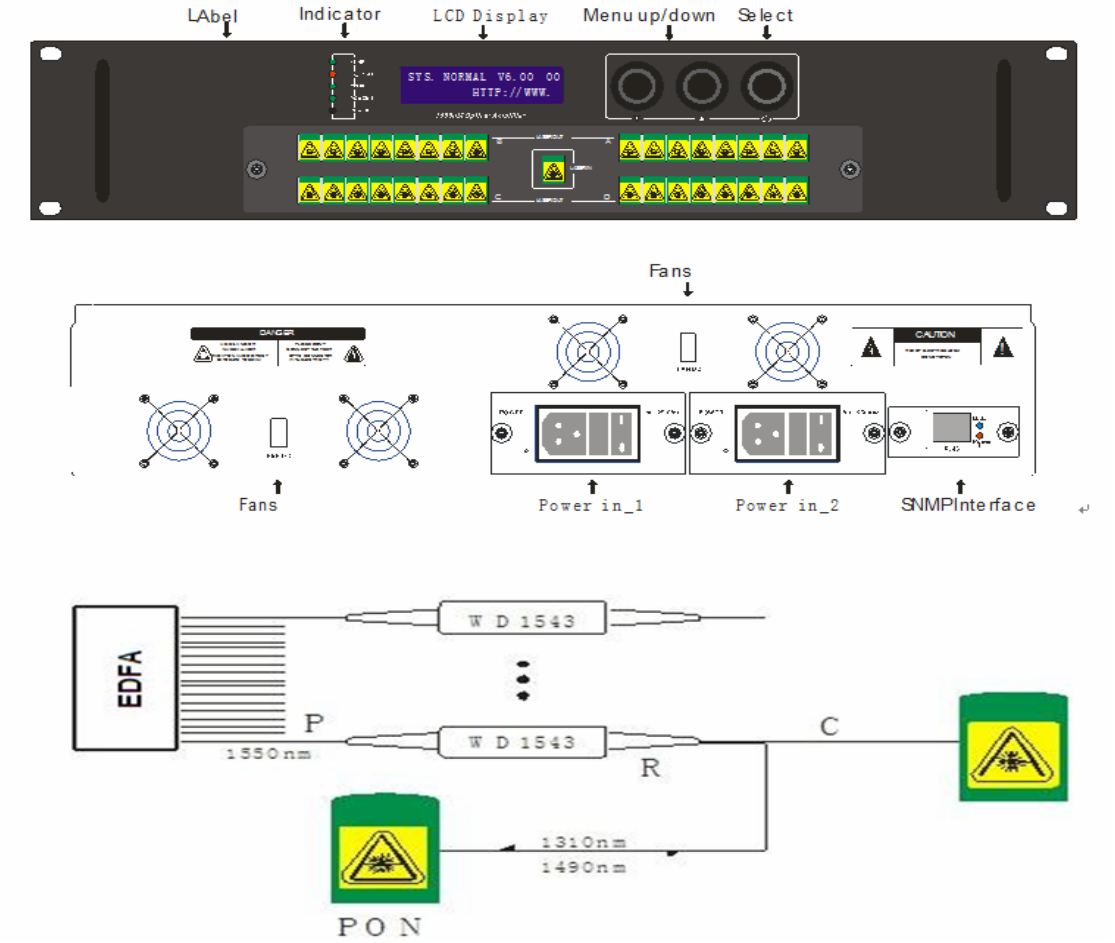
| LCD displays the parameters, functions and trouble alarm.

| Switch power supply can work in the range of 90V～265V AC or -48V DC .

| 8ports of PON+1 port CATV input EDFA,8 ports of coupled out.Output power 20dBm with 8

PON port. Output power 0-3dBm adjustable.

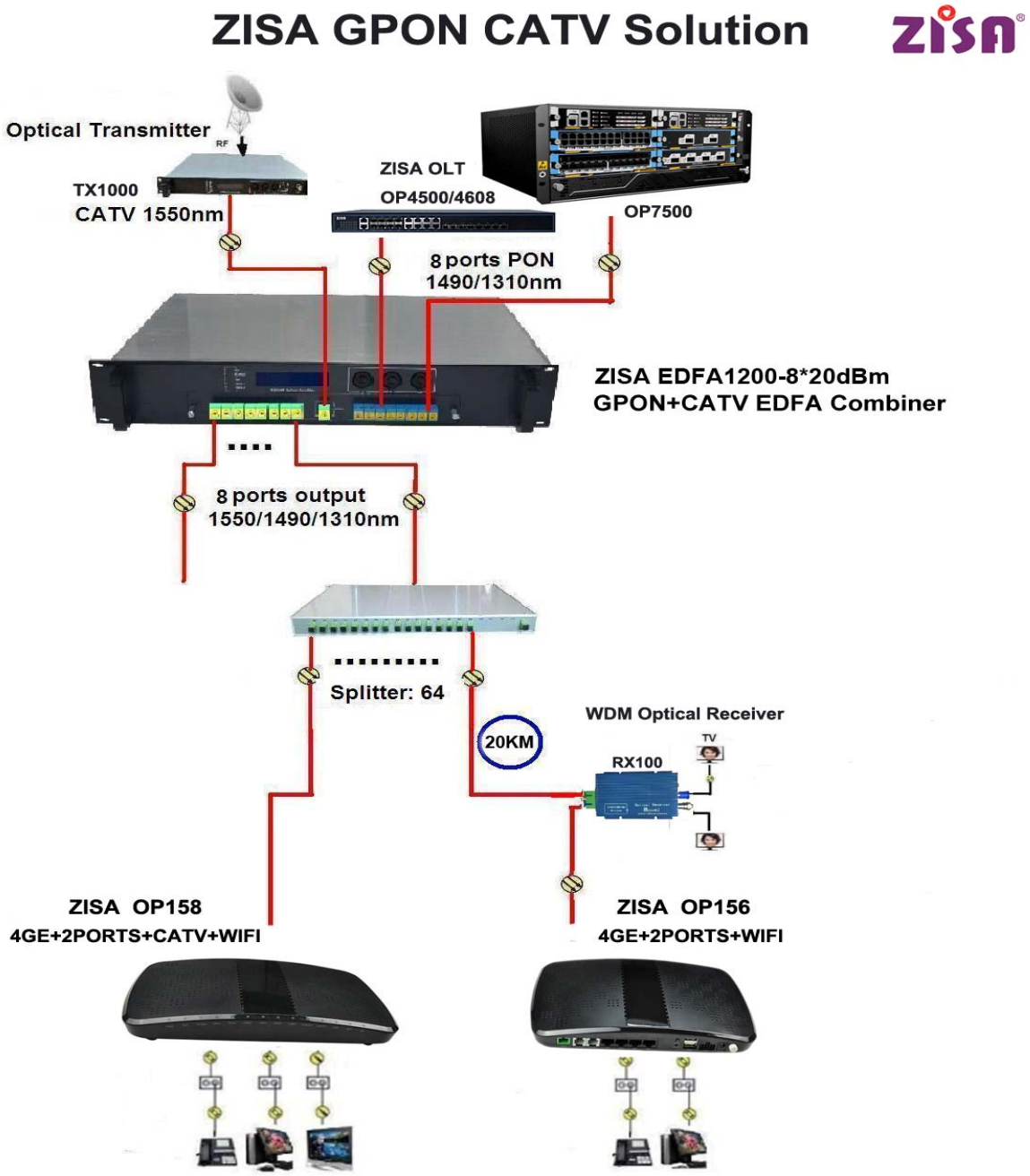
Product Struction



Product Specifications

Items		Parameter	Remark
CATV Operation wavelength	nm	1530~1565	CATV
OLT pass wavelength	nm	1310/1490	
CATV pass wavelength loss	dB	0.8	1550nm
OLT pass wavelength loss	dB	0.8	1310/1490nm
CATV & OLT isolation	dB	40	
Number of uplink optical ports (for OLT)	pcs	8	EDFA1200,2U
CATV input power	dBm	-5~+10	
Total output power	dBm	20	EDFA1200,1U
Number of output ports	pcs	8	EDFA1200,2U
Each port output power	dBm	6~22	
Difference of each output power	dB	-0.5~+0.5	
Output power adjustable range	dBm	-3~0	
Noise figure (Pin=0dBm)	dB	4.5~5.0	
Polarization dependence loss	dB	0.3	
Polarization dependence gain	dB	0.4	
Polarization mode dispersion	ps/nm	0.3	
Input/output isolation	dB	30	
Pump power leakage	dBm	-30	
Echo loss	dB	55	
SNMP network management interface		RJ45	
Optical connector(IN/OUT)		LC/APC ,SC/APC	
Power supply	V	90~265	220VAC
		30~72	48VDC
Power consume	W	50~150	
Work temp.	℃	0~50	
Storage temp.	℃	-40~80	
Relative humidity	%	5~95	
Size (W) × (D) × (H)	"	88 ×482.6×387 2U	EDFA1200,2U

Application



■ *Contact us*

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Specifications are subject to change without notice.