

## AT5200 FTTX Multiport EDFA ( PON OLT & COM )

### Features

- Video-Overlay for FTTx applications
- Up to 64 output ports
- Low noise, high performance
- Intuitive front panel LCD display
- Optional built-in optical switch
- Redundant power
- Universal management through craft interface and SNMP

### Specifications

Wavelength	1540 to 1563nm
Input power, dBm	-10 to 10, 3dBm typical
Maximum output power, dBm	19dBm per port
Output Power Stability, dB	±0.5
Noise Figure, dB (PIN=0dBm)	<5 ( o/p<19dBm)
Power Supply	90 to 265 VAC or 30 to 72 VDC
Dimensions (W x D x H)	483x368x88 mm, 19x14.5x3.5 inch



## AON120 FTTH Mini Node Series

### Features

- 1GHz FTTH optical receiver
- High output 82dBuV
- Compact housing
- Optical AGC
- Optional FTTH PON upgrade port
- Low power consumption
- LED status indicators

### Specifications

Optical Wavelength (Forward Path)	1540~1560nm, 1550nm center
RF Bandwidth	47~1002MHz
Optical Input Power	-12 to +3dBm
Output Level	82dBmV (@-2dBm)
CNR	48.5dB (60ch PAL loading, -8dBm receive )
CSO/ CTB	-66dBc/-60dBc
Operating Temp	-40 to 60 °C
Dimensions (W x D x H)	59 x 98 x 23 mm, 2.3x3.9x0.9 inch



## FTTH PON, RFoG WDM Optical Passive Specification

Optical wavelength	1260 nm to 1360 & 1480 to 1620 nm 1540 to 1560nm (CATV)
Channel spacing	20 nm
Channels	>=14nm
Channel pass band	CW±7.5nm, DWDM ITU ±0.25nm
Pass band flatness	≤ +/-0.5 dB
Insertion Loss 1x24 Coupler	16.7dB (CATV - COM), 0.8 (COM - PON)
Insertion Loss 1x32 Coupler	18dB
Insertion Loss 8 ch	2.5 dB Max
Adjacent channel isolation	≥ 35 dB (CATV - COM)
Directivity	≥ 50 dB
Return loss	≥ 45 dB
Operating Temp, °C	-10 to 70
Storage Temp, °C	-40 to 85
Power Supply	90 to 265 VAC or 30 to 72 VDC
Operating relative humidity, %	5 to 95
Dimensions (W x D x H)	1RU : 470x225x44 mm,19x9x1.75 inch

