



N1185

1550nm External Modulation transmitter



N1188

1550nm EDFA



N1285

1550nm transmitter



N1283

1310nm transmitter

FEATURES AND SPECIFICATIONS

- High quality, high linearity pump & DFB lasers
- Wide working bandwidth 45~860MHz
- Output power tunable
- Advanced RF pre-distortion function
- AGC technology adopted to the RF input
- micro processor can conduct status monitoring
- Panel display for working status
- RS-232 interface for remote monitoring
- 19 inch standard chassis switch power supply

MODEL	N1185	N1188	N1285	N1283
Optical Wavelength (nm)	1550±10	1550±10	1550±10	1310±20
Optical output (mw)	3,5,7,9	14,16,17,18, 19,20,21,22,23	2,3,4,5,6,7,8,9,10	10,12,14,16, 18,20
Optical connector Type	FC/APC	FC/APC	FC/APC	FC/APC
Suppression Threshold (dBm)	13-18	/	/	/
Operating Bandwidth (MHz)	45-860	/	45-860	45-860
channel number	110CH (NTSC)	/	110CH (NTSC)	110CH (NTSC)
Input Impedance (Ω)	75	/	75	75
Input Return Loss (dB, min)	16	/	16	16
RF Input Level (dBV/ch)	75~85	/	75~85	80±3
Optical input	/	-3 to +7dB Typical +3dB	/	/
OMI	3±0.25%	/	3±0.25%	3±0.25%
Flatness (dB)	±0.75	/	±0.75	±0.75
Input Connector Type	F type	/	F type	F type
Link Performance CNR (dB)	≥52	/	≥52	≥52
Link Performance CSO (dB)	≤- 65	/	≤- 65	≤- 65
Link Performance CTB (dB)	≤- 65	/	≤- 65	≤- 60
Power Supply	90~260V, 50/60 Hz	90~260V, 50/60 Hz	90~260V, 50/60 Hz	90~260V, 50/60 Hz