2.0 SPECIFICATIONS

2.1 Optical Output

	T359 Min.	T359 Typ.	T359 Max.	T360 Min.	T360 Typ.	T360 Max.
a. Wavelength (nM)	1270	1300	1330	1510	1540	1570
b. FWHM (nM)	--	3.0	4.0	--	3.0	4.0
c. Optical Power Output (CW) dBm	--	--	-8.0	--	--	-8.0
d. Adj. Range (db)	--	5.0	--	--	5.0	--

2.2 Internal Modulation

Frequency (Hz)	1950	--	2050	1950	--	2050

2.3 External Modulation

Frequency (Hz)	200	--	2000	200	--	2000

2.4 **Long Term Stability** @ 25 degrees C dB/8 hrs	--	--	±0.1	--	--	±0.1
2.5 **Temp. Stability** 5 1 35 degrees C (dB)	--	--	±0.1	--	--	±0.1

2.6 External Inputs

a. Modulation -- level: >500 mV DC Blocked
Connector type: BNC

b. Charger -- level: 8.7 VDC at 450 mA
Connector type: Switchcraft S760 coaxial jack

2.7 Optical Connectors

a. W.E. Biconic LA1A	T359-05/T360-05
b. NEC Series D4	T359-11/T360-11
c. F.C. (NTT standard)	T359-19/T360-19
d. Interoptics (DIAMOND)	T359-41/T360-41

2.8 Power

2.8.1 Nickel-Cadmium Battery

Rating: 7.2 VDC @ 2.2 amp/hr
Typical Operating time at full charge: 8 Hours
Charging time: 14 hours

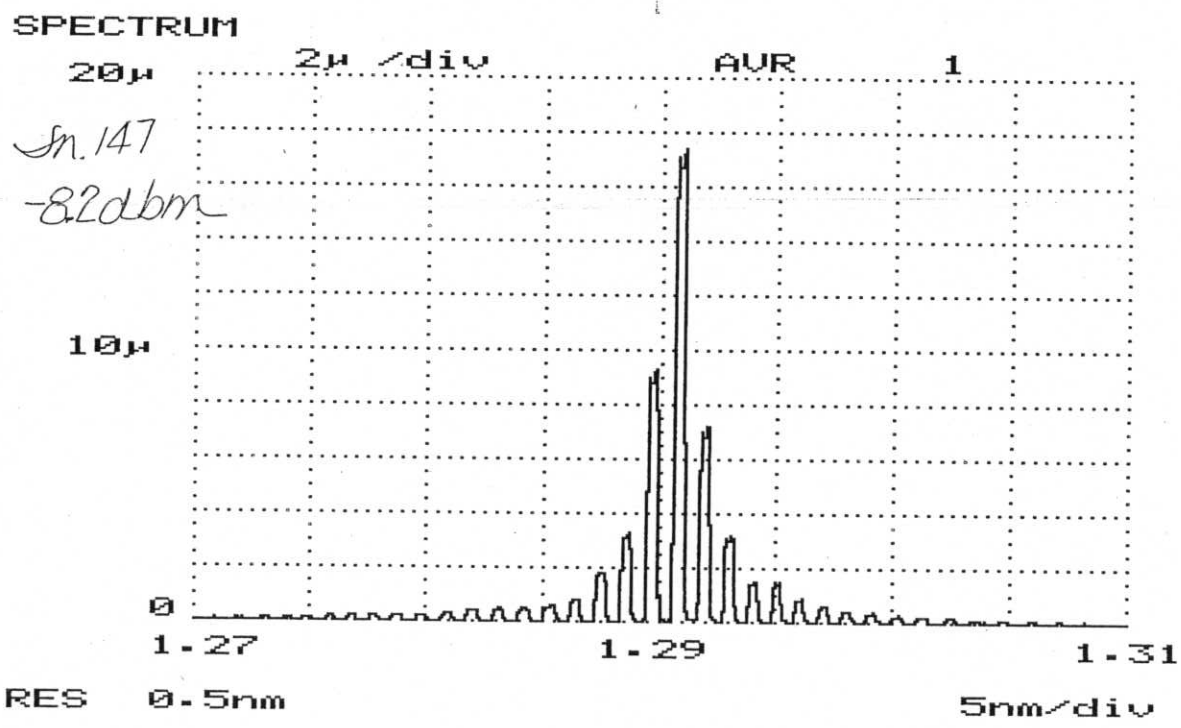
2.8.2 Battery Charger

A wall-mounted UL-approved charger supplies 8.7 VDC @ 450 mA from a 117-VAC, 60-Hz input.

2.9 Environmental Conditions

	Operating	Non-Operating
Temperature Range (°C)	+5 to +35	-40 to +60
Relative Humidity (Non Condensing)	10% to 90%	10% to 90%
Altitude	5000 meters	15000 meters

2.10 Mechanical

Height:	6.5 inches/165 mm
Width:	4.5 inches/114 mm
Depth:	6.0 inches/152 mm
Weight:	3.5 lbs/1.56 kg

2.11 Output Spectrum (S/N: 147)