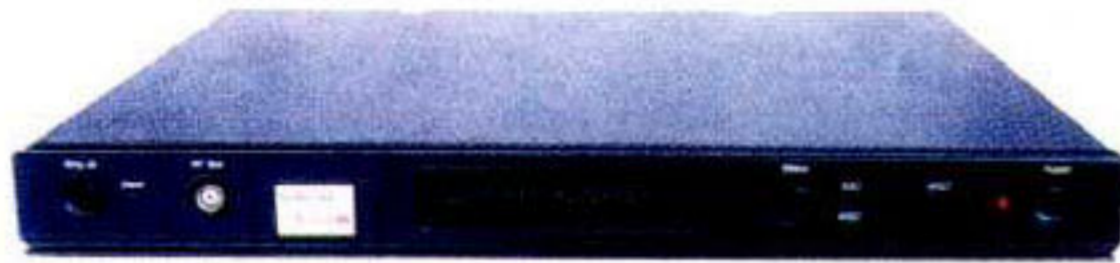
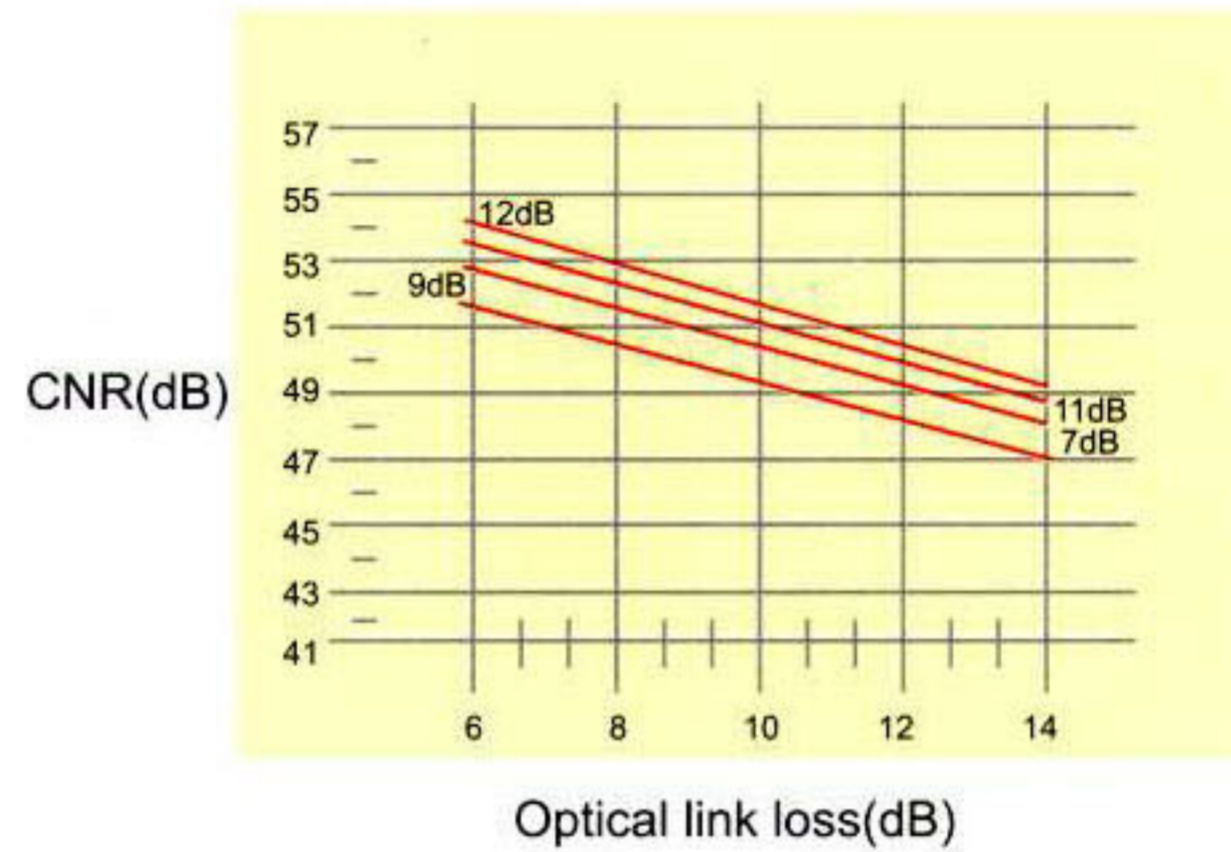


STOT-7500 Series Optical Transmitters



CNR Vs optical link loss



Use:

- Transmits NTSC PAL digital or compressed digital information for CATV or telecom applications.

Features:

- 1310nm operation.
- Optically isolated distributed AM feedback laser.
- RF input bandwidth 47-750 MHz or 47-862MHz.
- Up to 77 NTSC channels.
- Low RF drive levels required due to built-in RF amplifier.
- Microprocessor-controlled diagnostic testing and front panel realtime displaying and remote monitor.
- Industry standard interface RS-232.

Specifications:

Model	STOT-7507	STOT-7509	STOT-7511	STOT-7512
Optical output power (mW)	4-7	7-9	9-13	13-17
Optical link loss (dB)	7	9	11	12
Wavelength range (nm)	1290-1330			
Fiber pigtail connector	FC / APC			
Freq. range (MHz)	45-750 / 45-862			
CNR(dB)	≥51			
CSO(dBc)	≤-58			
CTB (dBc)	≤-58			
RF input level(dB μv)	78			
Flatness(dB)	±0.75			
Return loss(dBMin.)	14			
Manual gain control (dB)	0-10			
Power consumption (W)	<70			
Power supply (V)	AC 220V			
Ambient temperature (°C)	0-50			
Dimensions (mm)	482×203×45			