



Features

- 870 MHz bandwidth
- High-performance DFB laser to increase the signal quality
- Low noise, low distortion and pre-AMP to meet low RF input signal
- ATC (Automatic Temperature Control) and APC (Automatic Power Control) maintain precise optical power level
- Front panel RF test point (-20dB)
- Front panel LCD display
- Advanced high efficiency switching power supply

Optical Transmitter SHQ-OFT

Specifications

Specification	
Type of Laser	DFB
Wavelength	1310 ± 20 nm
Output Optical Power	10, 13, 16 mW (Optional)
Fiber Connector	SC / APC
Optical Return Loss	>55dB
Frequency Range	47 ~ 870 MHz
Input RF Signal Level	80 ± 3 dBμV
CNR (NOTE)	≥ 52dB
CTB (NOTE)	-67dBc
CSO (NOTE)	-62dBc
Flatness	± 0.75dB
RF Input / Impedance	F, 75 Ω
RF Input Return Loss	≥ -15 dB
APC Control Precision	≤ ± 0.1 dB
ATC Control Precision	25 ± 1°C
Max TEC Operating Current	DC+5V: 0.85 A
MTBF	≥ 40000 h
Laser Operating Temperature Range	5°C - 40°C
Overall Storage Temperature Range	-25°C ~ 55°C
Overall Relative Humidity	40 ~ 70%
Overall Power Supply Input (with Filter)	AC220V (176 - 264V)
Communication Interface	RS232 / 485
Power Dissipation	50W
Dimensions	480 x 350 x 44 mm
Weight	3 kg

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE.