



Features □ Low noise high linearity Ortel-Emcore DFB laser □ GaAs Technology up to 1000MHz
□ RF Level ALC control, 5 digit DIP switch manual adjustment for RF attenuation □ Excellent pre-distortion technology improves CTB, CSO and C/N □ -20dB RF Test Port, DIP Switch, Power LED indicator and Laser LED indicator on front panel □ 19" 1RU Housing QFOT1L 1310nm

Specifications

Specification Value

Optical Power 4mW 6mW 8mW 10mW 12mW 14mW 16mW 18mW 20mW
Optical Link Path Loss 7dB 9dB 10dB 11dB 11.8dB 12.5dB 13dB 13.6dB 14dB
Optical Wavelength 1310±20
Type of Laser Ortel DFB laser with isolator
Optical modulation mode Direct Modulation
Optical connector Type SC/APC
Frequency Range 47~1000MHz
RF Input Level 15~25dBmV
Flatness In Band ±0.75 dB
RF Input Impedance 75□
Input Reflection Loss ≥16 (47~1000)MHz
C/CTB ≥67 dB
C/CSO ≥62 dB
C/N ≥51 dB
MGC Control Range 1dB/2dB/4dB/16dB
Power Voltage AC 100V~240V (50/60 Hz)
Power Consumption 20 W
Operation Temperature 0~50 °C
Store Temperature -40~85 °C
Q-SERIES® Fiber Optic Products MODEL Q-SERIES OPTICAL Q-SERIES OPTICAL®
QFOT1L 1 GHz, 1RU, 1310nm DFB TRANSMITTER

QFOT1L 1 GHz, 1RU, 1310nm DFB Transmitter_____

Transmitter Front

Ordering Information

Part Number Description

QFOT1L1310-04 Optical Transmitter, 1GHz, 1310nm,DFB, SC/APC, 4mW
QFOT1L1310-06 Optical Transmitter, 1GHz, 1310nm,DFB, SC/APC, 6mW
QFOT1L1310-08 Optical Transmitter, 1GHz, 1310nm,DFB, SC/APC, 8mW
QFOT1L1310-10 Optical Transmitter, 1GHz, 1310nm,DFB, SC/APC, 10mW
QFOT1L1310-12 Optical Transmitter, 1GHz, 1310nm,DFB, SC/APC, 12mW
QFOT1L1310-14 Optical Transmitter, 1GHz, 1310nm,DFB, SC/APC, 14mW
QFOT1L1310-16 Optical Transmitter, 1GHz, 1310nm,DFB, SC/APC, 16mW
QFOT1L1310-18 Optical Transmitter, 1GHz, 1310nm,DFB, SC/APC, 18mW
QFOT1L1310-20 Optical Transmitter, 1GHz, 1310nm,DFB, SC/APC, 20mW

