

# TRACER 4108

## 2.4 GHz Integrated Eight T1 Microwave Radio

### Front View



### Rear View



### Physical Interfaces

- **Integrated Ports**
  - DB-25 Interface
  - Eight T1 (DSX-1 Interface Type)

### Physical Specifications

- Chassis: 1U Rack Mount
- Dimensions: 1.72" H, 17.12" W, 10.80" D
- Weight: 9 lbs.
- Operating Temperature: -13°F to 149°F (-25°C to 65°C)
- Mean Time Between Failure (MTBF): 122,504 Hrs

### Power Specifications

- 21-60 VDC (Either Polarity Referenced to Ground)
- Optional 100-250 VAC Auto-Ranging Power Supply
- DC Power Consumption
  - 21 W max
  - 73 BTU max
- AC Power Consumption
  - 57 W max
  - 197 BTU max
- Max Current Draw: 1.5 A

### Administration and Management

- Console (DB-25 Port)

### Performance and Design Considerations

- T1 Bandwidth: 8 T1s max
- Path Distance: Up to 30 Miles Clear Line of Sight
- RF/IF Interface
  - Antenna Connector: female type-N
  - Impedance: 50 ohms
- Transmitter Output Power: +20 dBm max
- Receiver Level Threshold (10<sup>-6</sup> BER)
  - -90 dBm @ 8xT1
  - -93 dBm @ 4xT1
  - -97 dBm @ 2xT1
- Frequency Band: 2.4 to 2.4835 GHz
- Multiple Software Selectable Channel Plans

### Agency Approvals

- FCC Part 15.247

### Warranty

- 5 Year (Repair & Return)
- [www.ADTRAN.com/Warranty](http://www.ADTRAN.com/Warranty)

### Product Includes

- All Tracer units ship with the following:
  - 19" Rackmount Brackets
  - TRACER Documentation CD

## P/N Information

4108 Chassis & Accessories	Part Number
TRACER 4108 2.4 GHz (Channel A)	12804108L1A
TRACER 4108 2.4 GHz (Channel B)	12804108L1B
A/C Power Supply	1280650L1

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