

TRACER 4102

2.4 GHz Integrated Dual T1 Microwave Radio

Front View



Rear View



Physical Interfaces

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

Physical Specifications

- Chassis: 1U Rack Mount
- Dimensions: 1.72" H, 17.12" W, 9.34" D
- Weight: 9 lbs.
- Operating Temperature: -13°F to 149°F (-25°C to 65°C)
- Mean Time Between Failure (MTBF): 121,227 Hrs

Power Specifications

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

Administration and Management

- Console (DB-25 Port)

Performance and Design Considerations

- T1 Bandwidth: 2 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 (10⁻⁶ BER)
 - -96 dBm @ 2xT1
 - -98 dBm @ 1xT1
- Frequency Band: 2.4 to 2.438 GHz
- Multiple Software Selectable Channel Plans

Warranty

- 5 Year (Repair & Return)
- www.ADTRAN.com/Warranty

Product Includes

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

P/N Information

4102 Chassis & Accessories	Part Number
TRACER 4102 2.4 GHz (Channel A)	12804102L1A
TRACER 4102 2.4 GHz (Channel B)	12804102L1B
A/C Power Supply	1280650L1

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