

TRACER 4205

5.8 GHz Integrated DS3 Microwave Radio

Front View



Rear View



Physical Interfaces

- **Integrated Ports**
 - DB-25 Port
 - Female BNC, 75 Ohms

Physical Specifications

- Chassis: 1U Rack Mount
- Dimensions: 1.72" H, 17.12" W, 9.34" D
- Weight: 7 lbs.
- Operating Temperature: -13°F to 149°F (-25°C to 65°C)
- Mean Time Between Failure (MTBF): 123,457 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

- DS3 Bandwidth: 1 Full DS3
- DS3 Monitoring: M13 or C-bit Parity
- Path Distance: Up to 25 Miles Clear Line of Sight
- RF/IF Interface
 - Antenna Connector: female type-N
 - Impedance: 50 ohms
- Transmitter Output Power: +5 to +20 dBm
- Receiver Level Threshold (10⁻⁶ BER): -78 dBm
- Frequency Band: 5.725 to 5.850 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

4205 Chassis & Accessories	Part Number
TRACER 4205 5.8 GHz (Channel A)	12804205L1A
TRACER 4205 5.8 GHz (Channel B)	12804205L1B
A/C Power Supply	1280650L1

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