



SLAB5826

Smart Long-Range Antenna Bridge

With 26dBi Patch Antenna

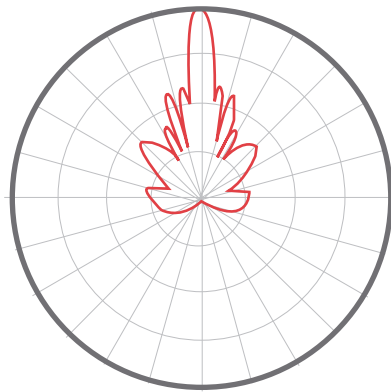
Solution Package Features

This All-in-One TT™5800 w/26dBi Patch Antenna Integrated solution includes: 5.8GHz high-power 802.11a radio & antenna integrated mounting hardware, power-over-ethernet interface and power supply.

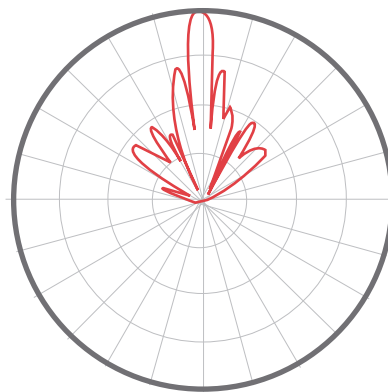


All-in-One
Item# 11-151

Azimuth Radiation Pattern



Elevation Radiation Pattern



Features:

- Web & SNMP based Management
- Intra-BSS traffic blocking (Layer 2 Isolation)★ for AP Mode
- Adjustable Transmit (TX) Power
- VLAN Transparent Support
- Configurable ACK timeout for long distance

Antenna Specification

| | |
|------------------------|-----------------------------|
| Frequency Range: | 5.725 - 5.850 GHz |
| Gain: | 26 dBi |
| Maximum Input Power: | 10W |
| Polarization: | Vert/Hori. |
| AZ/EL Beamwidth: | 7° |
| Front to Back Ratio: | > 35 dB |
| VSWR 50 Ohm: | < 1.5 |
| Wind Load: | 220 km/h |
| Size: | 18" x 18" x 3" |
| Combined Weight: | 11 lbs (with radio) |
| Connector: | Outdoor RJ-45 (All-Weather) |
| Mounting Kit/Style: | Included: Pole Mount |
| Operating Temperature: | -40°C to + 70°C |
| Material: | ABS |
| Additional Features: | Broadband Antenna |

Radio TT™5800 Specification

| | |
|------------------------|--|
| Standard Compliance: | IEEE 802.11a |
| Modulation: | OFDM w/BPSK, QPSK, 16 QAM, 64 QAM |
| Frequency Band: | 5.150 - 5.850 GHz |
| Data Rate: (Mbps) | 54, 48, 36, 24, 18, 12, 9, and 6 Mbps |
| Output Power: (300mW) | 25 dBm (+/- 3dB) @ 6/9/12/18/24 Mbps 24 dBm @ 36 Mbps 23 dBm @ 48 Mbps 20 dBm @ 54 Mbps |
| Receive Sensitivity: | -90 dBm ≤ 6 Mbps / -72 dBm ≤ 54 Mbps |
| RF Channels: | Total of 5 Non-overlapping channels |
| Data Security: | WPA, WPA2 & 64/128 bit WEP Data Security |
| Signal Indicator: | 5 Ultra Bright LEDs |
| DC Power Input: | 48VDC Adapter, PoE with Surge Protection, IEEE 802.3af compliant |
| Operating Environment: | -40°C to + 70°C |
| Utility: | WATCHDOG |