



SLAB5822

Smart Long-Range Antenna Bridge

With 22dBi Patch Antenna Solution Package Features

This All-in-One TT™5800 w/22dBi 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

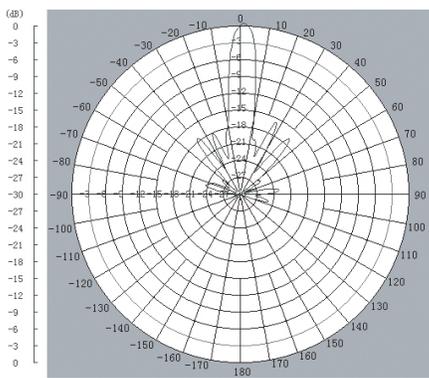
Item# 11-167 (Bridge Version)
Item# 11-168 (AP Version)

Features:

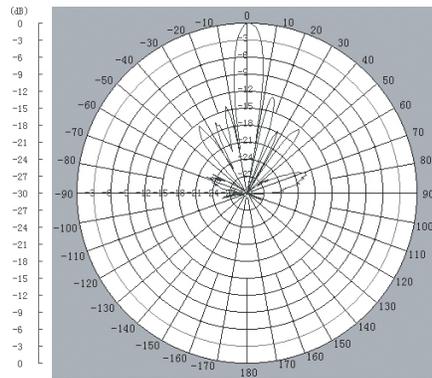
- Web & SNMP based Management
- Intra-BSS traffic blocking (Layer 2 Isolation)* for AP Mode
- Adjustable Transmit (TX) Power
- VLAN Transparent Support
- Configurable ACK timeout for long distance

* Available after April 15th, 2006

Azimuth Radiation Pattern



Elevation Radiation Pattern



Antenna Specification

Frequency Range:	5725 - 5850 MHz
Gain:	22 dBi
Maximum Input Power:	50 W
Polarization:	Vertical or Horizontal
AZ/EL Beamwidth:	8°/8°
Front to Back Ratio:	≥25 dB
VSWR 50 Ohm:	≤1.7
Wind Load:	210 km/h
Size:	12.2" x 12.2" x 0.82"
Combined Weight:	2.2 lbs
Connector:	Outdoor RJ-45 (All Weather)
Mounting Kit/Style:	Included: Pole/Mount
Operating Temperature:	-40°C to + 70°C
Material:	ABS
Additional Features:	UV Resistant Material

Radio TT™5800 Specification

Standard Compliance:	IEEE 802.11a
Modulation:	OFDM w/BPSK, QPSK, 16 QAM, 64 QAM
Frequency Band:	5.725 - 5.850 GHz
Data Rate: (Mbps)	54, 48, 36, 23, 18, 12, 11, 9, 6, 5.5, and 1
Output Power: (300mW)	25dBm (+/-3dB) @ 6/9/12/18/24 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