



SLAB5823-600

Smart High-Power Long-Range Antenna Bridge

With 23dBi Broadband Patch Antenna

Solution Package Features

This all-in-one TT™5800 with 23dBi patch antenna integrated solution includes: 5GHz high-power 600mW 802.11a radio & antenna integrated mounting hardware, power-over-ethernet interface and power supply.



All-in-One

Item# 11-250 (Bridge Version)

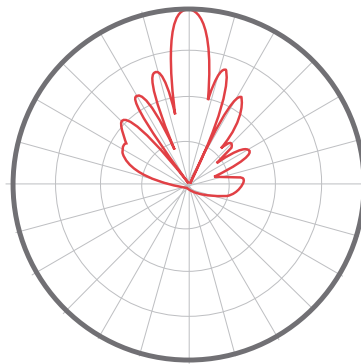
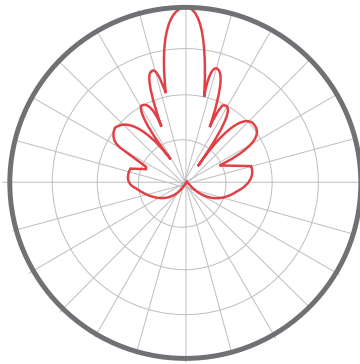
Item# 11-255 (AP Version)

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
- High Power 600mW
- 23dBi Broadband Patch Antenna
- Turbo-Mode for High Data Rate (108 Mbps)

Azimuth Radiation Pattern

Elevation Radiation Pattern



Antenna Specification

Frequency Range:	5.15 - 5.875 GHz
Gain:	23 dBi
Maximum Input Power:	10W
Polarization:	Vert/Hori.
AZ/EL Beamwidth:	9°
Front to Back Ratio:	> 30dB
VSWR 50 Ohm:	< 1.7
Wind Load:	220 km/h
Size:	12" x 12" x 2"
Combined Weight:	11 lbs (with radio)
Connector:	Outdoor RJ-45 (All-Weather)
Mounting Kit/Style:	Included: Pole Mount
Operating Temperature:	-45°C to 70°C
Material:	ABS
Additional Features:	High Gain

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: (600mW)	28dBm (+/-3dB) @ 6 Mbps
Receive Sensitivity:	-94 dBm ≤ 6 Mbps / -74 dBm ≤ 54 Mbps
RF Channels:	Total of 12 Non-Overlapping Channels (5 Channels: 5.725 ~ 5.850 GHz)
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