



# SLAB9012

## Smart Long-Range Antenna Bridge

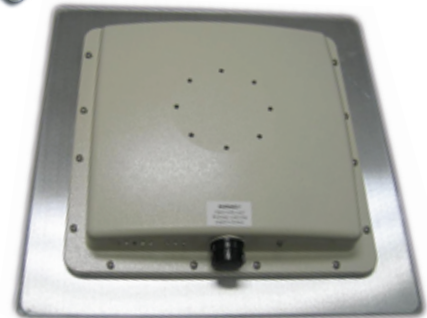
**With 12.5dBi Patch Antenna**

**Solution Package Features**

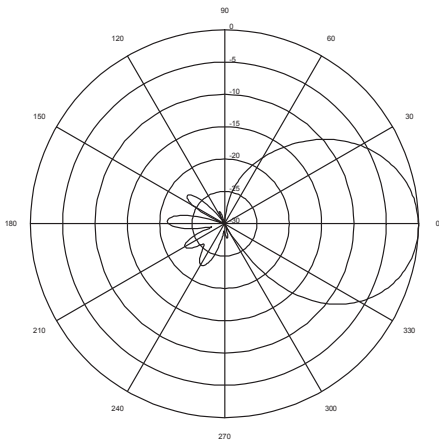
This All-in-One TT™900 w/ 12.5dBi Patch Antenna Integrated solution includes: 900MHz 802.11b radio & antenna integrated mounting hardware, power-over-ethernet interface and power supply.



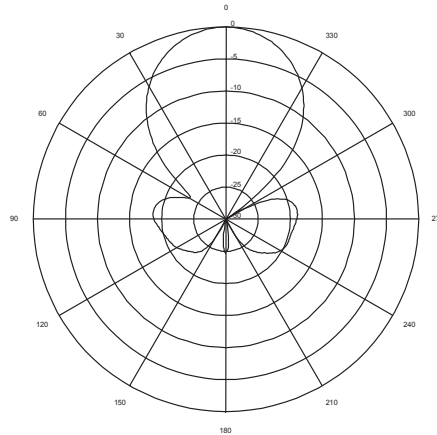
Item 11-413 Bridge  
Item 11-414 AP



**Vertical Radiation Pattern**



**Horizontal Radiation Pattern**



**SPECIAL FEATURES:**

- Web & SNMP based Management, EZManager
- Adjustable Transmit TX Power
- VLAN Transparent Support
- Intra-BSS Traffic Blocking (Layer 2 Isolation)
- Configurable ACK Timeout for Long Distance
- Ruggedized Waterproof and All-Weather Enclosure
- WDS (Wireless Distribution System)
- Power Surge Protection
- RoHS Compliance

**Antenna Specification**

Frequency Range:	902 - 928 MHz
Gain:	12.5dBi
Maximum Input Power:	30 Watts
Polarization:	Vertical/Horizontal
AZ/EL Beamwidth:	42°/42°
Front to Back Ratio:	> 25dB
VSWR 50 Ohm:	≥ 1.7:1
Wind Load:	125 mph
Size:	15.4" x 15.4" x 1.7"
Combined Weight:	2.2 lbs
Connector:	Integral Type N-Jack
Mounting Kit/Style:	Included Pole Mount
Operating Temperature:	-45°C to 65°C
Material:	ABS Plastic

**Radio TT™900 Specification**

Standard Compliance:	IEEE 802.11b/g
Modulation:	OFDM w/BPSK, QPSK, 16QAM, 64 QAM Modulation
Frequency Band:	900 - 928 MHz
Data Rate:	11, 5.5, 2, and 1 Mbps
Output Power: 200mW	23dBm (+/- 1.5dB) @ 1-24 Mbps 22dBm @ 36 Mbps 21dBm @ 48 Mbps / 20dBm @ 54Mbps
Receive Sensitivity:	-92dBm @ 6Mbps / -72 dBm @ 54 Mbps
RF Channels:	2 Channels: 913, 918MHz
Data Security:	WPA/WPA2, 64/128 bit WEP MAC Address Filter
DC Power Input:	48VDC Adapter, PoE with Surge Protection, IEEE 802.3af compliant
Ethernet Connection:	10/100 BaseT Auto MDI/MDX
Operating Environment:	-40° C to + 70° C