

# SLAB2415

## Smart Long-Range Antenna Bridge

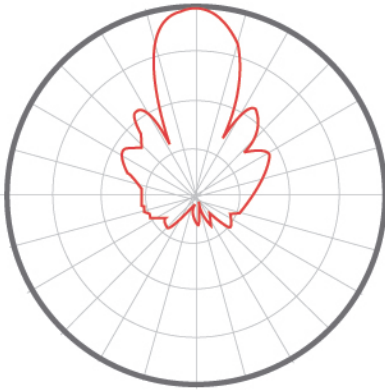


### With 15dBi Patch Antenna

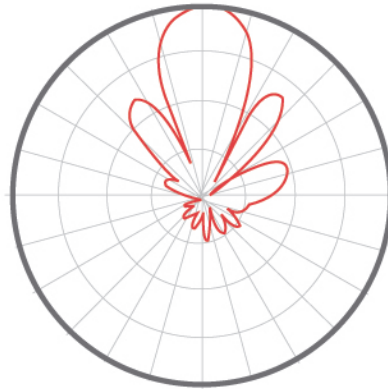
#### Solution Package Features

This All-in-One TT™2400 w/15dBi Patch Antenna Integrated solution includes: 2.4GHz high-power 802.11b/g radio & antenna integrated mounting hardware, power-over-ethernet interface and power supply.

#### Azimuth Radiation Pattern



#### Elevation Radiation Pattern



*All-in-One*

#### 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:       | 2.4 - 2.5GHz                |
| Gain:                  | 15dBi                       |
| Maximum Input Power:   | 6W                          |
| Polarization:          | Vert/Hori.                  |
| AZ/EL Beamwidth:       | 20°                         |
| Front to Back Ratio:   | 26dB                        |
| VSWR 50 Ohm:           | 1.5:1 (max)                 |
| Wind Load:             | 201 km/h                    |
| Size:                  | 12" x 12" x 7.5"            |
| 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:   | UV Stabilized               |

#### Radio TT™2400 Specification

|                        |  |
|------------------------|--|
| Standard Compliance:   | IEEE 802.11b/g (54 Mbps)   |
| Modulation:            | OFDM w/BPSK, QPSK, 16QAM, 64 QAM Modulation  |
| Frequency Band:        | 2.412 - 2.462 GHz  |
| Data Rate:             | 54, 48, 36, 24, 18, 12, 11, 9, 6, 5.5, and 1 Mbps  |
| Output Power:          | (250mW): IEEE 802.11b: 22dBm (+/- 3dB)<br>@ 1/2/5.5/11 Mbps<br>IEEE 802.11g: 21dBm (+/- 3dB) @ 54 Mbps |
| Receive Sensitivity:   | 11Mbps: ≤ -88dBm / 6 Mbps: ≤ -89dBm / 54Mbps: ≤ -72dBm   |
| RF Channels:           | Total of 3 non-overlapping channels  |
| Data Security:         | WPA/WPA2, 64/128 bit WEP MAC Address Filter  |
| DC Power Input:        | 48VDC Adapter, PoE with Surge Protection, IEEE 802.3af compliant                                       |
| Signal Indicator:      | 5 Ultra bright LEDs  |
| Operating Environment: | -40° C to + 70° C  |
| Utility:               | WATCHDOG   |