



# OCTOPUS

Access Point / Bridge/ Client  
**5.8 GHz Series**  
 Model: 5826



Industrial grade outdoor wireless access products available for use as Access point, Bridge or Client. With optional amplifier module, the total EIRP goes up to 54dBm. This unit is the most powerful unit available that can link up to 60 miles (115Km) line of sight.

The unit is offered in ruggedized outdoor housing with antenna included and powered over Ethernet.



- StreamEngine™ QoS Technology within CPU
- Net Accelerator supports heavy gaming traffic
- Supports data rates up to 108 Mbps.
- Strong network security with WPA, WPA2 and 64/128 bit WEP encryption,
- RADIUS MAC authentication and MAC Address Filtering
- Supports bandwidth and SNMP Management control
- Provide Window-base Utility, Web, CLI (Command Line Interface) Configuration
- Adjustable Tx Power settings
- Configurable ACK timeout for long distance

### Antenna Specs

Frequency Range: 5.15 - 5.875 GHz  
 Gain: 26 dBi  
 Polarization: Vertical/Horizontal  
 Beamwidth: 6 deg  
 Dimensions: 450 x 450 x 30 mm  
 Combined Weight: 3kg with radio  
 Mounting Kit/Style: Pole / Wall Mount  
 Operating Temp: -40°C to + 70°C  
 Wind speed Survival: 220km/h

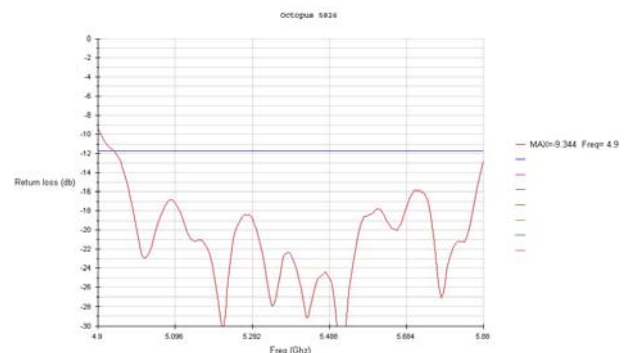
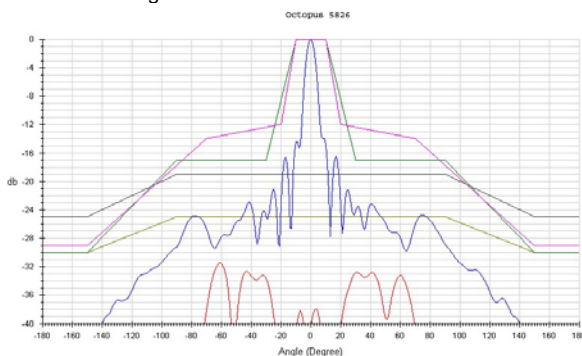
### Access Point/Bridge 5.8 GHz Specs

Standard Compliance: 802.11a  
 Modulation: OFDM w/BPSK, QPSK, 16 QAM, 64 QAM  
 Frequency Band: 5120-5250, 5250-5350, 5725-5825 MHz  
 Emission Type: DSSS / OFDM  
 Data Rates: Up to 54Mbps  
 Power: Power over Ethernet: 48V, 0.5Amp  
 Data Security: WPA, WPA2 & 64/128 bit WEP Data Security  
 Hardware: 250 MHz, 4MB Flash, 32MB SD RAM  
 System Utility: Watchdog  
 IP Address Assignment: DHCP

### Output power options

Version	P out	Speed	Max Distance * miles (KM)
5826	44 dBm	6/9/12/18/24 Mbps	20 (32)
	43 dBm	36 Mbps	18 (28)
	42 dBm	48 Mbps	16 (25)
5826A (amplified)	54 dBm	6/9/12/18/24 Mbps	60 (100)
	53 dBm	36 Mbps	54 (86)
	52 dBm	48 Mbps	40 (64)

\*Line of sight





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