

Wilson Cellular In-Building Wireless Bi-Directional Amplifier



ANTENNA & ACCESSORY OPTIONS

- Dual-Band Panel Antenna
- Dual-Band Dome Antenna
- Low Profile Antenna
- Mini Magnet Antenna
- Magnet Mount Antenna
- Roof Mount "Trucker"
- Yagi
- 2-way Splitter & Taps
- Lightning Suppressor
- Coax Cable Extension
- Others Available

SPECIFICATIONS

Part Number	801105	801106	801305	801306	804005	804006
Gain	50 dB	60 dB	50 dB	60 dB	50 dB	60 dB
Frequency	824-849 MHz Uplink 869-894 MHz Downlink		1850-1910 MHz Uplink 1930-1990 MHz Downlink		806-821 MHz Uplink 851-866 MHz Downlink	
Linear Output Power	+30 dBm		+30 dBm		+30 dBm	
Max Output Power	3 Watts		3 Watts		3 Watts	
Max RF (up/down)	+30 dBm / +30 dBm		+30 dBm / +30 dBm		+30 dBm / +30 dBm	
Noise Figure (typical)	3 dB nominal		3 dB nominal		3 dB nominal	
Flatness (up/down)	± 2.5 dB		± 2.5 dB		± 2.5 dB	
Isolation	Uplink/Downlink more than 90 dB		Uplink/Downlink more than 90 dB		Uplink/Downlink more than 90 dB	
Power Requirements	120 V AC 225 MA Max		120 V AC 225 MA Max		120 V AC 225 MA Max	
Connectors	N-Female		N-Female		N-Female	
Dimensions	4.5" x 3.5" x 1.25"		4.5" x 3.5" x 1.25"		4.5" x 3.5" x 1.25"	
Weight	1.5 lbs		1.5 lbs		1.5 lbs	

FEATURES

- Greater than 60 dB computer controlled adjustable AGC dynamic range
- Automatic Gain Adjusting in the event of oscillation and/or overload
- 2 dB Gain Steps 30-60 dB
- Automatic shutdown on overload
- Install / Operation mode switch
- TIA/EIA-98-E 3.5.1 Receiver Sensitivity better than -110 dBm
- CDMA/rho > .912
- LED Indicators: Power, Oscillation and AGC

