



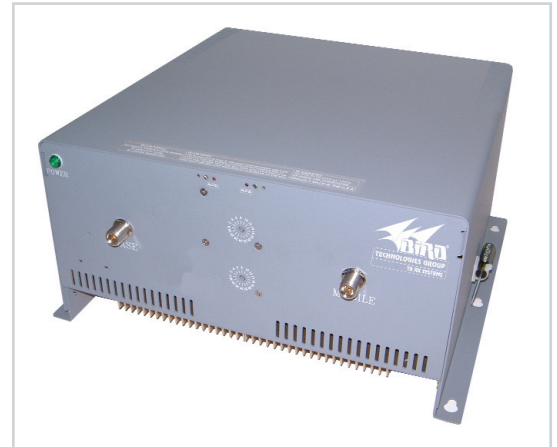
700/800 MHz DUAL BAND SIGNAL BOOSTER

SERIES 62 2/2W & 2/10W

The Bird Technologies Group Series 62 Dual Band family of signal boosters provides an exceptional balance of performance and value for extended coverage of radio communications networks.

Advantages of the BTG Series 62 Family

- Cost Effective In-Building coverage solution for:
 - Public Safety
 - Private Wireless networks
 - Cellular
- Low noise figure with wide dynamic range
- Excellent selectivity for operation in a shared frequency band
- Triplexed path configuration assures sharp out-of-band attenuation
- Remote monitoring option



Frequency Blocks	Downlink	Uplink
PS7	746-776 MHz	794-806 MHz
PS8	851-869 MHz	806-824 MHz

Electrical Specifications	
Model 62-05-ADB-02-G3 (2/2W)	
Gain (Minimum attenuation) [dB]	80
Gain Flatness [dB]	+/- 1.5 (Max.)
Noise Figure [dB]	4.5 (Max.) 4 (Typ)
Manual Attenuation Range [dB]	0 to 30 in 2-dB steps
Power Output @ 1dB Compression (P1dB) [dBm]	Uplink: +33 Downlink: +33
Output ALC Set [dBm]	Uplink: +26 Downlink: +26
Output Composite Power [dBm]	Uplink: +26 Downlink: +26
3rd Order Output Intercept Point (IP3) [dBm]	Uplink: +46 Downlink: +46
Input/Output Impedance	50 ohm
VSWR IN/OUT	1.5:1 (Max.)
Propagation Delay [uSec]	<0.3
Power Supply	110VAC/0.9A, 240VAC/.45A

Mechanical Specifications	
Paint	Epoxy Gray
Dimensions	15.3" x 15.4" x 7.9"
Operating Temperature Range	-20°C to +50°C

Electrical Specifications	
Model 62-05-ADB-04-G3 (2/10W)	
Gain (Minimum attenuation) [dB]	80
Gain Flatness [dB]	+/- 1.5 (Max.)
Noise Figure [dB]	4.5 (Max.) 4 (Typ)
Manual Attenuation Range [dB]	0 to 30 in 2-dB steps
Power Output @ 1dB Compression (P1dB) [dBm]	Uplink: +33 Downlink: +39
Output ALC Set [dBm]	Uplink: +26 Downlink: +32
Output Composite Power [dBm]	Uplink: +26 Downlink: +32
3rd Order Output Intercept Point (IP3) [dBm]	Uplink: +46 Downlink: +49
Input/Output Impedance	50 ohm
VSWR IN/OUT	1.5:1 (Max.)
Propagation Delay [uSec]	<0.3
Power Supply	110VAC/1.4A, 240VAC/0.7A

Mechanical Specifications	
Paint	Epoxy Gray
Dimensions	15.3" x 15.4" x 7.9"
Operating Temperature Range	-20°C to +50°C



RF Measurement and Management in Your World

