



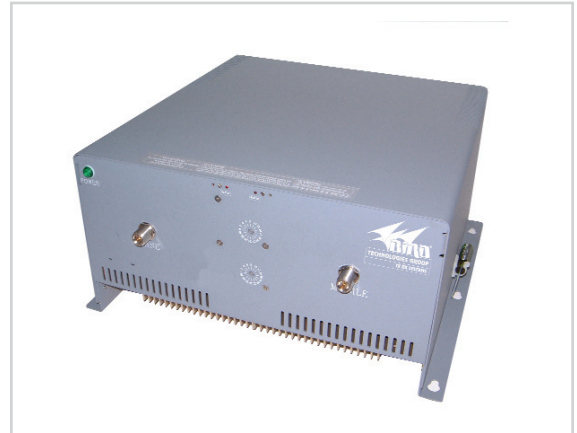
INDOOR SIGNAL BOOSTERS

SERIES 62 1/10W
62-XXX-AXX-03-G3

The Bird Technologies Group Series 62 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
 - PCS
 - Paging
- Low noise figure with wide dynamic range
- Excellent selectivity for operation in a shared frequency band
- Available in the following configurations:
 - Single Band
 - Multi-Band
 - ReBandable for public safety frequency transition
 - Band Selective (both contiguous & non-contiguous)
 - Full or Partial Bands
- Remote monitoring option



Frequency Band	Uplink	Downlink
SMR	806-821 MHz	851-866 MHz
PS8	806-824 MHz	851-869 MHz
NPSAC	821-824 MHz	866-869 MHz
Cellular A	824-835 MHz	869-880 MHz
Cellular B	835-849 MHz	880-894 MHz
Cellular AB */**	824-849 MHz	869-894 MHz
PS9	896-902 MHz	935-941 MHz
GSM L **	890-902 MHz	935-947 MHz
GSM F **	890-915 MHz	935-960 MHz
GSM H **	902-915 MHz	947-960 MHz
2PGN	900-903 MHz	929-942 MHz
PCS **	1805-1800 MHz	1710-1785 MHz
DCS **	1930-1990 MHz	1850-1910 MHz

* Optional external filtering for A+A' and B+B' available

**Available in full & partial bands for DCS, PCS, GSM, Cellular applications (contiguous & non-contiguous blocks)

Electrical Specifications	
Gain (Minimum attenuation) [dB]	80
Gain Flatness [dB]	+/- 1.5 (Max.)
Noise Figure [dB]	5 (Max.)
Manual Attenuation Range [dB]	0 to 30 in 2-dB steps
Power Output @ 1dB Compression [dBm]	+32.0 (Typ.) - Uplink +40.0 (Typ.) - Downlink
Output Power ALC Set [dBm]	+25 ±1 - Uplink +33 ±1 - Downlink
Output Composite Power [dBm]	+25 (Typ.) - Uplink +33 (Typ.) - Downlink
3rd Order Output Intercept Point [dBm] @ 2 tones + 20 dBm each	+45 (Typ.) - Uplink
3rd Order Output Intercept Point [dBm] @ 2 tones + 27 dBm each	+50 (Typ.) - Downlink
Input/Output Impedance	50 ohm
VSWR IN/OUT	1.5:1 (Max.)
Propagation Delay [uSec]	<1.0
Power Supply	110V/1.20A to 220V/.60A (Autoranging) 50 to 60 Hz

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



RF Measurement and Management in Your World



Bird® Technologies Group combines the industry leading brands of both Bird Electronic and TX RX Systems and is a global, innovative supplier of RF products, systems, services and educational solutions. Bird® Technologies Group reserved the right to modify specifications or discontinue any product without notice.

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