



LINE EXTENDERS

SERIES 62 0.15/0.15W
62-XXX-DXX-05-EXT

The **Bird Technologies Group Series 62 Line Extender** is a cost effective solution to compensate for cable losses in a Distributed Antenna Systems (DAS).

Features and Benefits

- Compact Design
- Based on a duplexed path configuration
- Extends the effective range of the Signal Booster
- Powered by AC/DC converter or DC via BTS port



Frequency Band	Uplink	Downlink
SMR-PS8	806-824 MHz	851-869 MHz
Cellular AB	824-849 MHz	869-894 MHz
GSM L	890-902 MHz	929-947 MHz
GSM H	909-915 MHz	954-960 MHz
DCS D	1710-1725 MHz	1805-1820 MHz
DCS C	1725-1740MHz	1820-1835 MHz
DCS E	1740-1755 MHz	1835-1850 MHz
PCS AD	1850-1870 MHz	1930-1950 MHz
PCS BE	1870-1890 MHz	1950-1970 MHz
PCS FC	1890-1910 MHz	1970-1990 MHz

Electrical Specifications	
Gain (Minimum attenuation) [dB]	35 (Typ.)
Noise Figure [dB]	4 (Typ.)
Manual Attenuation Range [dB]	0 to 30 in 2-dB steps
Power Output @ 1dB Compression [dBm]	+20.0 ±1 - Uplink/Downlink
Output Composite Power [dBm]	+13.0 (Typ.) - Uplink/Downlink
3rd Order Output Intercept Point [dBm] @ 2 tones + 7 dBm each	+31 (Typ.) - Uplink/Downlink
Input/Output Impedance	50 ohm
VSWR IN/OUT	1.5:1 (Max.)
Propagation Delay [uSec]	<1.0
Power Supply	12VDC/0.8A

Mechanical Specifications	
Paint	Epoxy Black
Net Weight	<0.75 kg/1.6 lb.
Dimensions	6" x 14" x 1"
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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