



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts,Customers Priority,Honest Operation,and Considerate Service",our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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# Elevated Feed Point Antennas for LMR, Cellular and GSM



## ELEVATED FEED POINT ANTENNAS PROVIDE CLEAR OMNI-DIRECTIONAL SIGNALS OVER VERTICAL OBSTACLES

Laird's Elevated Feed Point mobile antennas provide optimal RF coverage, when installation requirements include light bars or other vertical impediments to optimal omni-directional coverage. These antennas are the ideal solution for public safety and limousine trunk mount applications. Models are available in UHF and 800/900 MHz frequencies, in black or chrome finish.

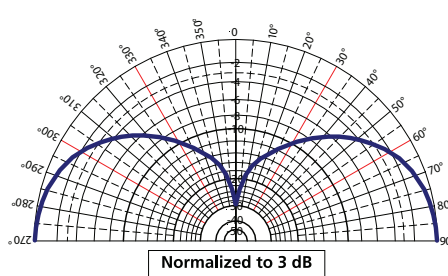
### FEATURES

- True Field Diversity design ensures uninterrupted transmissions in urban canyons and rural drop off areas
- Phantom® outperforms a 3dB whip in many applications
- U.S. Patent Nos. 5,977,931 – 6,292,156 and 7,209,096

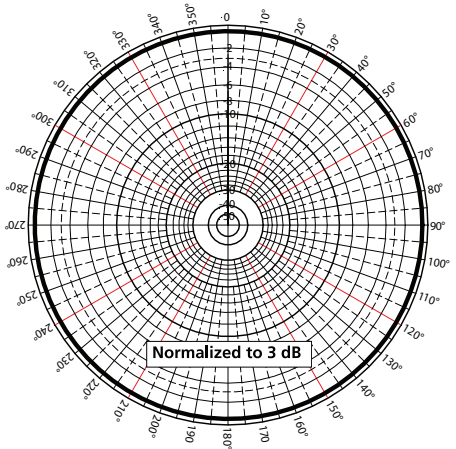
### MARKETS

- Public safety
- Transportation
- Utility
- Military mobile
- Fixed radio applications

## TYPICAL 3dBi ANTENNA PATTERNS



Elevation Pattern (Y, Z, or H-plane)



Azimuth Pattern (X,Y, or E-plane)

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## SPECIFICATIONS

ELECTRICAL	
VSWR	2:1
Nominal Gain	3 dB
Maximum Power	200 W
Nominal Impedance	50 Ω
Polarization	Vertical
Pattern	Omnidirectional
Half-Power Beamwidth (Elevation° x Azimuth°)	70° x 360°
Coaxial Cable Length & Type	None
Terminations	NMO

## MECHANICAL

Color	Chrome or Black
Height	See Form Factor
Diameter	1.44"
Weight	< 0.5 lb
Material	ABS
Mounting Information	NMO or Permanent Mountable
Noise Suppressor (Optional)	BlackHawk NS1535 1-35 VOLT, 15 Amp Noise Suppressor (Sold Separately)

## MODEL AND ORDERING INFORMATION

MODEL	DESCRIPTION	GAIN
E(B)4500	450-512 MHz, Elevated Feed	Unity
E(B)4503C	450-470 MHz, Closed Coil, Elevated Feed	3 dBi
E(B)7603	760-870 MHz, Open Coil, Elevated Feed	3 dBi
E(B)7603C	760-870 MHz, Closed Coil, Elevated Feed	3 dBi
E(B)8063	806-896 MHz, Open Coil, Elevated Feed	3 dBi
E(B)8063C	806-896 MHz, Closed Coil, Elevated Feed	3 dBi
E(B)8065C	806-896 MHz, Closed Coil, Elevated Feed	5 dBi
E(B)8965C	896-970 MHz, Closed Coil, Elevated Feed	5 dBi

Other frequencies are  
available (B) = Black

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### ANT-DS-ELEVATED FEED 0115

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