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.

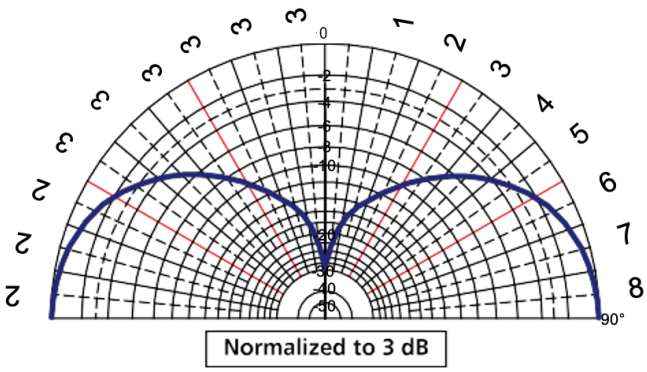
FEATURES

- 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

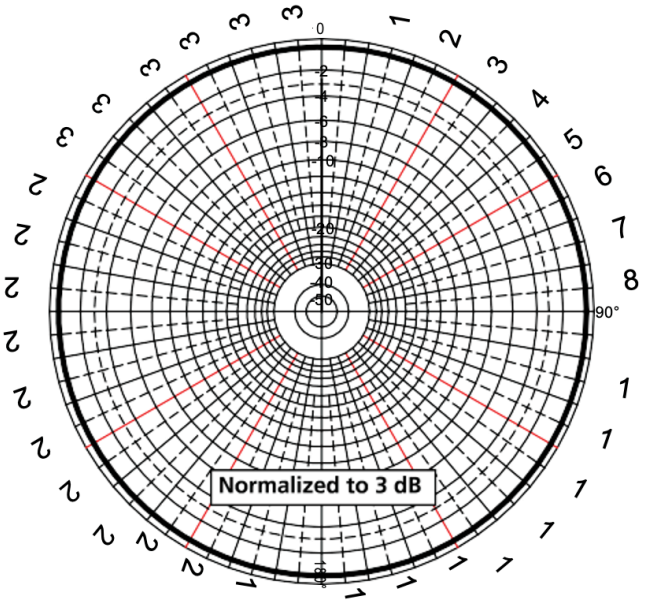
MARKETS

- 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)

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 Suppessor (Sold Separately)

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