

# LBC-760

## Linear Biconical Antenna

### Description

The LBC-560 is a 690 MHz to 6100 MHz antenna designed for cellular, PCS, LTE, 4G LTE and Wifi / WiMAX bands. The antenna supports 802.11x specifications including a/b/g/n/ac/ah/ax. This lightweight antenna is capable of high-power, high-gain transmission for commercial and tactical portable use. The antenna comes standard with a ½-20 threaded mount with an optional NATO base or magnetic mount. JEM also produces a MIMO version of this antenna with 3/6/9 outputs in a single form factor.



LBC-760 Antenna  
(Mast Mount Version)

### Specifications

#### Electrical

Frequency Band	690 – 6100 MHz
VSWR	< 2.0 : 1
Polarization	Vertical, Linear
Gain	2 dBi
Power	150 Watts CW
Ground Plane	Ground Plane Independent
Connector	Type N Female

#### Mechanical

Weight	< 2.2 lbs (1 kg)
Dimensions	7.5" Height x 5.5" Diameter (14.5 cm x 6.6 cm)
Mounting	½-20 Threaded Mount (Standard) NATO 4/6-Hole Mount (LBC-760N) Magnetic Mount (LBC-760M)
Finish	MIL-DTL-53039, Type IV, CARC FED-STD-595 37030 (Black) FED-STD-595 34094 (Green 383) FED-STD-595 33446 (Tan 686A)
Temperature	MIL-STD-810G, Test Method 501.5/502.5 -55° C to +85° C
Immersion	MIL-STD-810G, Test Method 512.5, 4 hours at 1 meter