LBC-760
Linear Biconical Antenna

Description
The LBC-760 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.

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)
-55° C to +85° C
Immersion MIL-STD-810G, Test Method 512.5, 4 hours at 1 meter