



BMXD1350H (top) and
BMXD1350K (bottom) with
BWC1001 mount (inset)

Yagi Antennas, 1350-1454 MHz

The BMXD1350 has been designed to meet the requirements of a high gain, broadband, premium quality antenna, operating in the 1350-1454 MHz range. The BMXD1350 is manufactured using high strength 6061-T6 aluminum to withstand heavy ice, high wind and other harsh conditions. All elements are welded to the boom and the dipole design has an integral feed line welded to the boom for extra strength and electrical conductivity. This eliminates misalignment or fastener problems. The entire antenna is anodized for appearance and corrosion resistance. A heavy duty clamp is supplied which easily permits horizontal or vertical polarization.

Features

- Elements and boom are manufactured from aircraft quality 6061-T6 aluminum for optimum strength
- Antenna is anodized for corrosion resistance
- Antenna is supplied with a 2' pigtail (RG213) and N female connector



Technical Data

Maximum Power: 100 watts
Nominal Impedance: 50 ohms
Radiator Material: Aluminum 6061-T6
Mounting Method: Includes mounting hardware BWC1001

Antenna Electrical Specifications

Model	Frequency Range	-3 dB Horizontal Beamwidth	-3 dB Vertical Beamwidth	Front to Back Ratio	Nominal Gain
BMXD1350H	1350-1454 MHz	100°	62°	15 dB	7 dBi
BMXD1350K	1350-1454 MHz	56°	46°	18 dB	10 dBi

Mechanical Specifications

Model	Dimensions* (L x W)	Weight (Mass)	Cross Sectional Area	Lateral Thrust @ 100 mph	Rated Wind Velocity**
BMXD1350H	12" x 4.4"	0.58 lbs	2.00 ft ²	0.1 lbs	125 mph
BMXD1350K	19" x 4.4"	0.77 lbs	2.29 ft ²	0.15 lbs	125 mph

Model	Elements	Cable Type	Cable Length	Connector Type
BMXD1350H	3	RG213	2 ft	N female
BMXD1350K	7	RG213	2 ft	N female

* Dimension does not include antenna cable

**120 mph with 1/2" radial ice (mph)