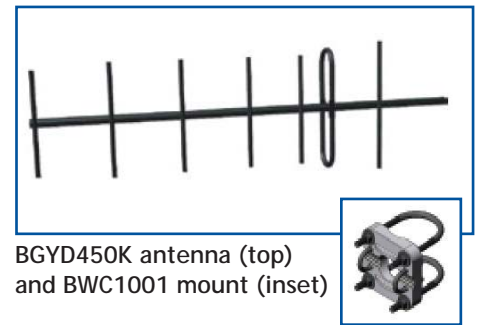


Yagi Antennas, 450-470 MHz, 10 dBd gain

The BGYD450K has been engineered to provide high gain broadband performance between the frequencies of 450-470 MHz. Solid 7/16" aluminum elements complement the fully welded dipole on the boom. The black powder coat BGYD450K comes with an integral low loss 2' RG213U feed line with a standard N-Female connector. High strength mounting clamp is supplied for vertical or horizontal polarization.

Features

- Dipole fully-welded to boom
- Black powder coat over stainless steel antenna assembly
- Mounting clamp included
- Antenna is supplied with a 2' pigtail (RG213) and N female connector



BGYD450K antenna (top)
and BWC1001 mount (inset)

Antenna Electrical Specifications

Model	Frequency Range	-3 dB Horizontal Beamwidth	-3 dB Vertical Beamwidth	Front to Back Ratio	Nominal Gain
BGYD450K	450-470 MHz	0°	45°	20 dB	10 dBd



Technical Data

Maximum Power: 250 watts
Nominal Impedance: 50 ohms
VSWR: < 1.5:1 Nominal < 1.7:1 Maximum
Radiator Material: Aluminum
Mounting Method: Includes mounting hardware BWC1001

Mechanical Specifications

Model	Dimensions* (L x W)	Weight (Mass)	Cross Sectional Area	Lateral Thrust @ 100 mph	Rated Wind Velocity**
BGYD450K	42" x 11.8"	3 lbs	0.46 ft ²	11.5 lbs	150 mph

Model	Elements	Cable Type	Cable Length	Connector Type
BGYD450K	7	RG213	2 ft	N female

* Dimension does not include antenna cable

**80 mph with 1/2" radial ice