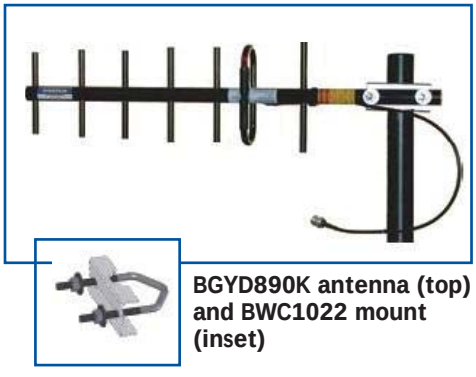
Yagi Antennas, 890-960 MHz, 10 dBd gain

The BGYD890K has been engineered to provide high gain broadband performance between the frequencies of 890-960 MHz. Solid 3/8" aluminum elements complement the fully welded dipole on the boom. The black powder coat BGYD890K comes with an integral low loss 2' RG213 feed line with a standard N-Female connector. High strength mounting clamp is supplied for vertical or horizontal polarization.



BGYD890K antenna (top) and BWC1022 mount (inset)

Features

- Dipole fully-welded to boom
- Through-boom elements fixed with stainless steel antenna screws
- Mounting clamp included
- Antenna is supplied with a 2' pigtail (RG213) and N female connector

Antenna Electrical Specifications

Model	Frequency Range	-3 dB Horizonal Beamwidth	-3 dB Vertical Beamwidth	Front to Back Ratio	Nominal Gain
BGYD890K	890-960 MHz	56°	46°	20 dB	10 dBd

Technical Data

Maximum Power: 200 watts
Nominal Impedance: 50 ohms
VSWR: < 1.5:1 Nominal < 1.7:1 Maximum
Radiator Material: Aluminum 6061-T6
Mounting Method: Includes mounting hardware BWC1022

Mechanical Specifications

Model	Dimensions* (L x W)	Weight (Mass)	Cross Sectional Area	Lateral Thrust @ 100 mph	Rated Wind Velocity**
BGYD890K	24" x 6.8"	2 lbs	0.24 ft^2	6 lbs	125 mph

Model	Elements	Cable Type	Cable Length	Connector Type
BGYD890K	7	RG213	2 ft	N female

*** Dimension does not include antenna cable**

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

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