



BGO902G (left) with BWC1005 clamp (right)



Technical Data

Maximum Power: 200 watts
Nominal Impedance: 50 ohms
VSWR: 1.5:1
Mounting Method: BWC1005 clamp included

Omnidirectional Antennas, 902-928 MHz, 6 dB Gain

The BGO902G has been designed to provide omni directional performance in the 902-928 MHz frequency band. Antenna base is 6061-T6 aluminum to provide a solid secure mount for the N-Female termination. The BGO902G is fully enclosed in a UV-stable all season radome.

Features

- All season lightweight clamp and radome
- High strength, extra long Aluminum support collar with vent hole

Antenna Electrical Specifications

Model	Frequency Range	-3 dB Horizontal Beamwidth	-3 dB Vertical Beamwidth	Nominal Gain
BGO902G	902-928 MHz	360°	15°	6 dBd

Mechanical Specifications

Model	Dimensions (L x W)	Weight (Mass)	Cross Sectional Area	Lateral Thrust @ 100 mph	Rated Wind Velocity**
BGO902G	71.5" x 2.38"	6 lbs	1.02 ft ²	25.5 lbs	125 mph

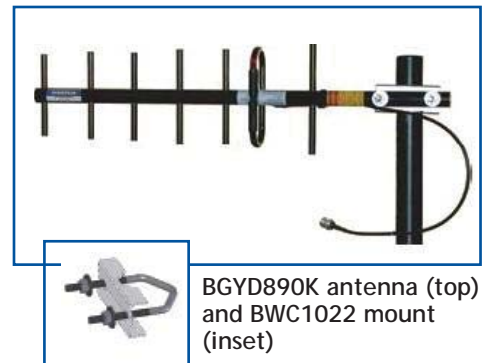
**100 mph with 1/2" radial ice

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.

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



BGYD890K antenna (top)
and BWC1022 mount
(inset)



Antenna Electrical Specifications

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

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

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

* Dimension does not include antenna cable

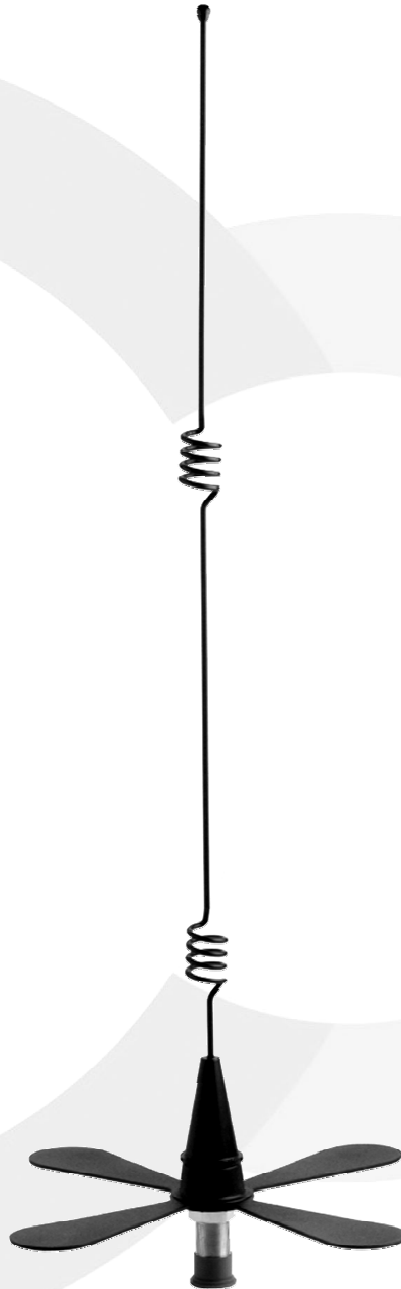
**120 mph with 1/2" radial ice

OMNI DIRECTIONAL BASE STATION

902 - 928 MHz

FB35T900

Series : ANTENNA



All dimensions are in inches

Issue : 0710

In the effort to improve our products, we reserve the right to make changes judged to be necessary.



OMNI DIRECTIONAL BASE STATION**902 - 928 MHz****FB35T900****Series : ANTENNA****ELECTRICAL SPECIFICATIONS**

Frequency : **902-928 MHz**
VSWR : **1.5:1 or less (TX)**
Type : **5/8 over 5/8 over 1/4 wave**
Gain : **5 dBd / 7.2 dBi**

Power withstanding : **150 W**

Feed Connection : **N Female**

MECHANICAL SPECIFICATIONS

Whip : **.100, twin open coil**
Color : **Black**
Wind-loading : **100 mph**
Overall length : **32 in**