



# **B(B)4302N(S)**

## Omnidirectional Antennas 430-450 MHz

## **FEATURES AND BENEFITS**

- ½-wave NGP design for true 2 dBi performance
- Easy installation on NMO mounts

- Special UV-treated radome resists sun damage
- 100% tested on a network analyzer

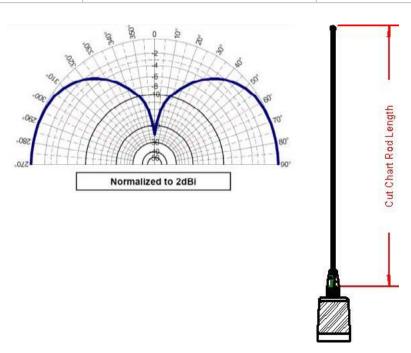
ELECTRICAL SPECIFICATIONS		
Model Name	B(B)4302N(S)	
Operating Frequency (MHz)	430-450	
VSWR - Max	<2:1	
Gain (dBi)	2.0	
Nominal Impedance (Ohms)	50	
Max Power - Ambient 25°C (W)	100	
Polarization	Vertical	
Pattern	Omnidirectional	
Half-Power Beamwidth (elevation° x azimuth°)	110 x 360	

MECHANICAL SPECIFICATIONS			
Dimensions - height (initial) x diameter - mm (inches)	344 x 36.8 (13.5 x 1.45)		
Weight - kg (lbs.)	0.18 (0.4)		
Cable Type	N/A		
Termination	NMO		
Mounting Information	NMO mountable fixed and magnetic		
Noise Suppressor	BlackHawk, NS1535 1-35 volt, 15 amp (sold separately)		

ENVIRONMENTAL SPECIFICATIONS		
Operating Temperature – °C (°F)	-30 to +70°C (-22 to +158°F)	
Storage Temperature - °C (°F)	-30 to +70°C (-22 to +158°F)	
Rated Wind Velocity - km/hr (mph)	200 (125)	
Rated Wind Velocity (with 0.5" radial ice) - km/hr (mph)	137 (85)	

### **CUTTING CHART**

FREQUENCY (MHz)	ROD ONLY	ROD W/SPRING
430	10-3/4"	9-3/8"
435	10-3/8"	9-1/16"
440	10-3/16"	8-7/8"
445	9-15/16"	8-11/16"
450	9-5/8"	8-3/8"



#### TE TECHNICAL SUPPORT CENTER

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