

Heavy-Duty CBRS Omnidirectional Base Station Antennas

These BOA omnidirectional base station antennas support CBRS (Citizens Broadband Radio Service) frequencies, making them ideal for spectrum sharing applications. Their design utilizes a linear array, encapsulated in a heavy-duty fiberglass radome with a thick-walled mounting base for reliable, long term use. This rugged design withstands harsh environments, making the antennas ideal for small cell applications.

Features

- UV-stable, black fiberglass radome (0.64" diameter)
- Black chrome plated mounting base
- DC grounded design
- Fully sealed IP67 design
- Type N Female or N male connector options



BOA34006NF

STANDARD CONFIGURATION

Model	Connector	Mount
BOA34006NF	Type N Female	BAM1009 or BAM1011-HCA mast mounts options
BOA34006NM	N Male	(sold separately)

ELECTRICAL SPECIFICATIONS - RF ANTENNA

Frequency Range	Nominal Gain	VSWR	Elevation Half Power Beamwidth	Average Power	Nominal Impedance
3.4-3.8 GHz	6 dBi	< 2.0	25°	20 watts	50 ohms

MECHANICAL & ENVIRONMENTAL SPECIFICATIONS

Model	Dimensions	Weight	Housing Material	Temperature Range	Rated Wind
BOA34006NF	.825 OD x 9.13 H in	0.32 lbs	Black UV-Stable Pultruded Fiberglass (0.64" diameter)	-40°C to +85°C	125 mph
BOA34006NM	.825 OD x 8.93 H in	0.32 lbs			

MECHANICAL & ENVIRONMENTAL SPECIFICATIONS, continued

Bending Moment at Rated Wind	Lateral Thrust at Rated Wind	Equivalent Flat Plate Area	Ingress Protection
0.804 lbf-ft	2.115 lbf	0.0264 ft ²	IP67