

30-512 MHz Bi-Conical Antenna

- Rugged design
- Instantaneous bandwidth of 30-512 MHz

Model BCV-30512

Part # 1000-2131-401

ELECTRICAL SPECIFICATIONS

Frequency Range	30-512 MHz
VSWR	3.0:1 VSWR Typical
Forward Gain	-11 dBi min. @ 30 - 60 MHz, >0 dBi \pm 1 above 60 MHz
Polarization	Vertical
Maximum Power Input	100 Watts*
Input Impedance	50 ohms
Vertical -3dB Beamwidth	90° +/- 20°
Horizontal -3dB Beamwidth	360°
Azimuth Ripple	+/- .5 dB

MECHANICAL & ENVIRONMENTAL SPECIFICATIONS

Connector	Type 'N' Female (1 each)
Mounting	Fits over 2.5 IPS pipe or 1.25" pipe with adapter (provided)
Dimension and Weight	40 inches x 40 inches O.D. / < 15 lbs.
Color	Gray Standard (Color Options Available)
Wind Survival	120 mph.
Lightning Protection	Direct Ground

The BCV-30512 antenna is a bi-conical antenna with an instantaneous frequency bandwidth of 30-512 MHz. The antenna is made up of an aluminum central hub with 16 aluminum elements surrounding . The antenna mounts over a 2.5" IPS or 1.25" IPS pipe with adapter (provided). The aluminum lower section contains the tuning device.

*100 watts standard < 100 MHz

*200 watts 100-512 MHz



BCV-30512 Gain

