

116-400 MHz Bi-Conical Antenna

- Rugged design
- Instantaneous bandwidth of 100-400 MHz

Model BCV-116

Part # 1000-2087-401

ELECTRICAL SPECIFICATIONS

Frequency Range	116-400 MHz
VSWR	2.0:1 VSWR (2.5:1, 100-116 MHz) Typical
Forward Gain	+1 to +5 dBi (frequency dependent)
Polarization	Vertical
Maximum Power Input	200 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	preliminary
Dimension and Weight	40 inches x 40 inches O.D. / < 30 lbs.
Color	Gray Standard (Color Options Available)
Wind Survival	120 mph.
Lightning Protection	Direct Ground

The BCV-116 antenna is a bi-conical antenna with an instantaneous frequency bandwidth of 100-400MHz. The antenna is made up of an aluminum central hub with 32 aluminum elements surrounding . The antenna mounts over a 2.5" IPS or 1.25" IPS pipe with adapter (provided).

