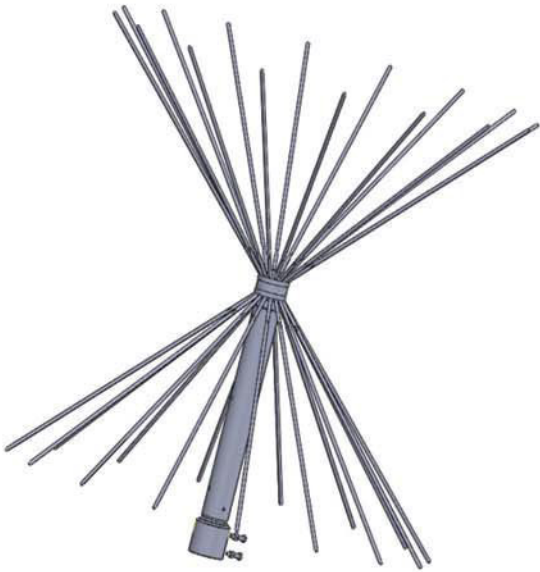


BCV-116M

Rugged 100-400 MHz Bi-Conical Antenna



PRODUCT DESCRIPTION

Model Number: BCV-116M
Part Number: 1000-2315-201

The BCV-116M 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).

ELECTRICAL SPECIFICATIONS

Frequency Range: 100-400 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: 1000 Watts
Input Input Impedance: 50 ohms
Vertical -3dB Beamwidth: 90° +/- 20°
Horizontal -3dB Beamwidth 360°
Azimuth Ripple: +/- .5 dB

MECHANICAL & ENVIRONMENTAL SPECIFICATIONS

Input Connector: Type 'N' Female,
Mounting: End of 2.5 IPS pipe
Dimension and Weight: 40" x 40" O.D. / < 30 lbs.
Color: Gray Standard
(Color Options Available)
Wind Survival: 120 mph
Lightning Protection: Direct Ground