

BM-01 Biconical Monopole Antenna



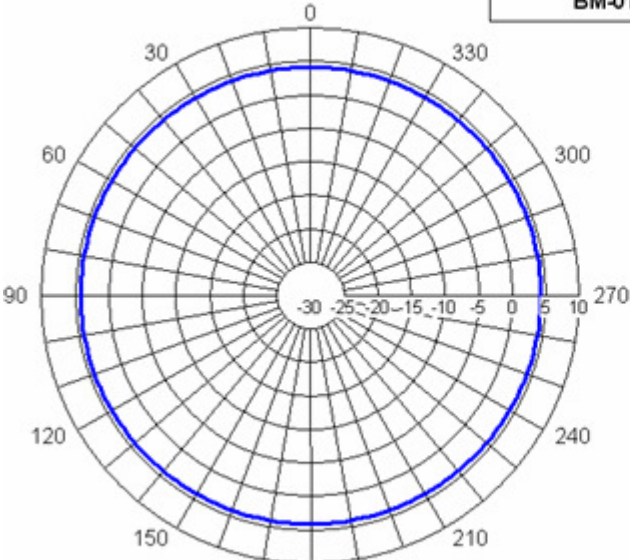
- Electrically Small
- Passive Transmit
- Wideband Communications
- Wideband Test

The BM-01 antenna is very wide band, electrically small biconical monopole antenna designed for low frequency testing and wideband communications systems without requiring large antennas or tuning systems. The antenna is housed and sealed in a rugged radome to insure long life and electrical repeatability.

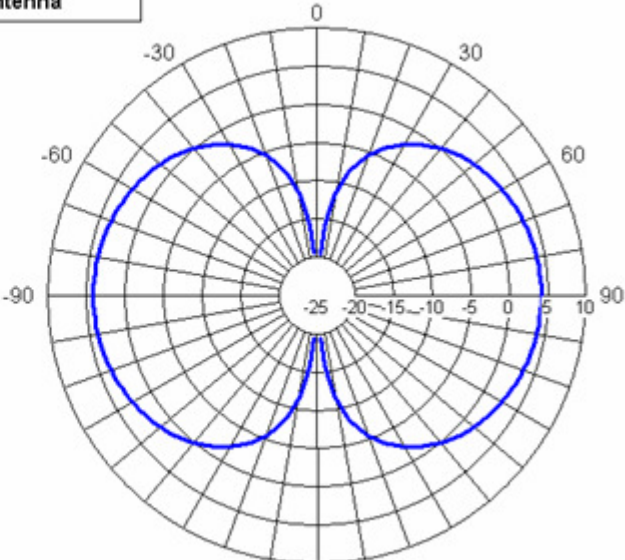
Electrical Specifications

Model:	BM-01
Frequency:	25-1000 MHz
Gain (see gain plot):	>0 dB (225-1000 MHz) >-20 dB (25-224 MHz)
Power Handling:	BM-01 10, 40, 100 watts CW
Polarization:	Linear (vertical)
VSWR:	3.0:1 maximum
Beamwidth:	360 x 85 degrees (F₀)

TMC Design Corporation
BM-01 Antenna

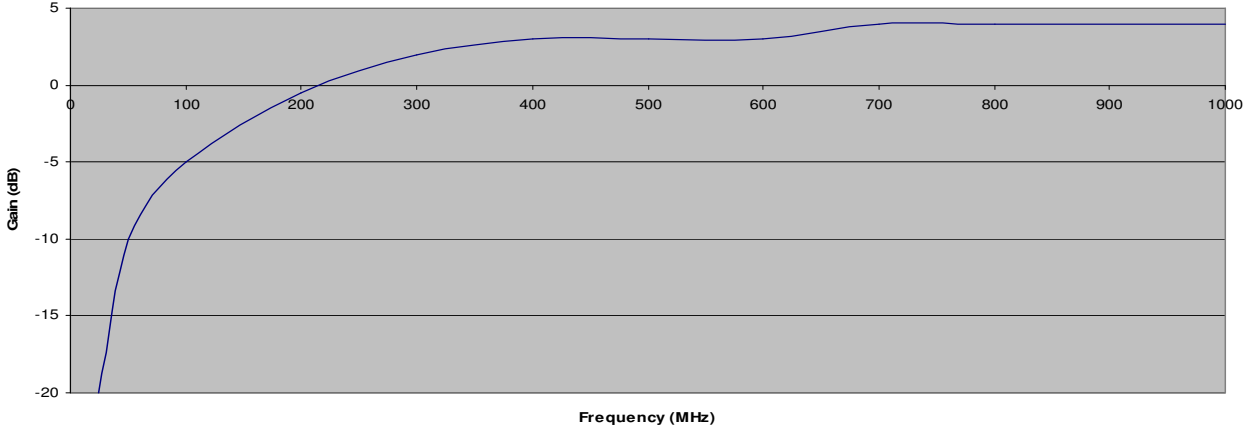


Azimuth Pattern (Fo)



Elevation Pattern (Fo)

BM-01 Gain



Mechanical Specifications		
Model:	BM-01	
Dimensions:	BM-01	12.7 x 3.0" diameter
Weight:	BM-01	2.0 lbs.