

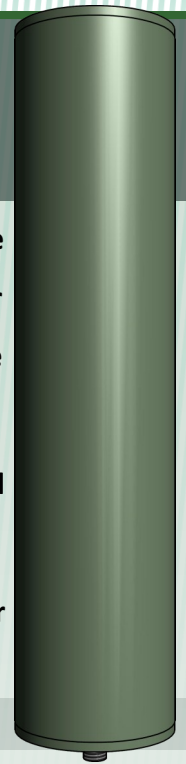
# BC-0150-3/6

## Very-Wideband Omni-Directional

The BC-150-3/6 antenna is very-wide-band and physically small biconical monopole antenna. The small profile and wideband coverage of this antenna make it ideal for use in low frequency testing and wideband communication systems, negating the need for larger antennas and tuning systems.

The BC-150-3/6 is housed in a sealed, rugged radome to ensure long life and electrical repeatability.

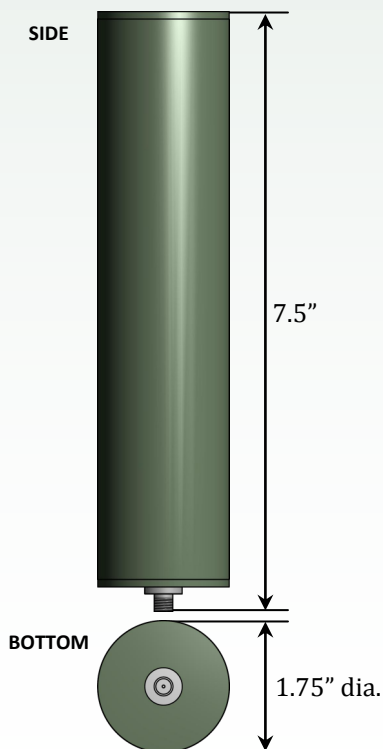
Customization options are available for the antenna's mating, mounting, power and color characteristics.



### FEATURES

- Lightweight
- Compact design
- 360 degree coverage
- Quick and easy to setup
- Durable fiberglass construction
- Includes hardware for mounting to a pole
- All TMC Design antennas are designed and manufactured under with the auspices of our AS9100/ISO9000-certified quality management program

### SPECIFICATIONS



<b>Type</b>	Biconical
<b>Frequency Range</b>	500 to 8000 MHz
<b>Gain</b>	-3 dB avg. across band
<b>Polarization</b>	Linear (Vertical)
<b>HPBW</b>	360° x 85°
<b>Maximum Power</b>	100 W, CW
<b>Maximum VSWR</b>	3:1
<b>Connector</b>	Type N (female)
<b>Height</b>	7.5"
<b>Diameter</b>	1.75"
<b>Weight</b>	2 lbs



BICONICAL



OMNI-DIRECTIONAL



500 TO 8000 MHz

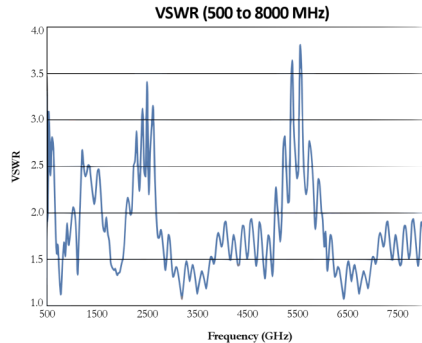
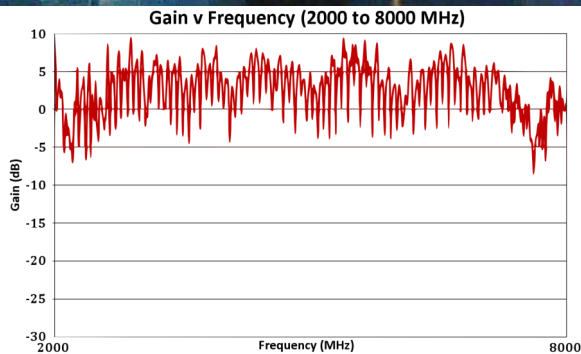
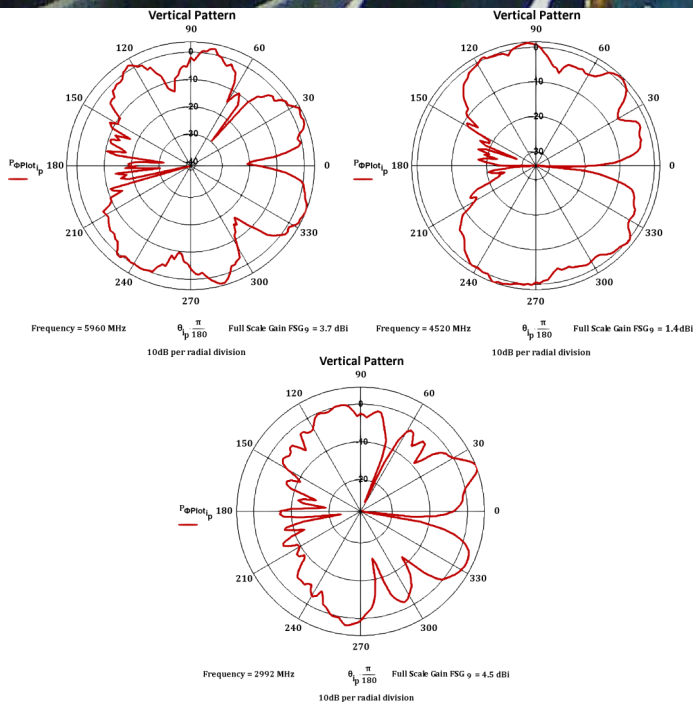


LINEAR

# BC-0150-3/6

# Very-Wideband Omni-Directional Antenna

## PERFORMANCE



## CUSTOMIZING YOUR BC-0150-3/6 ANTENNA

### MOUNTING OPTIONS

The BC-0150 antenna comes with a magnetic mount; ready for use in mobile applications. If a magnetic mount will not suit your application, the BC-0150-3/6 can be modified to be mounted in a manner that best fits your requirements. Other options include tripod, antenna towers, and solar-powered mount systems for remote and long-term operation.

### COLOR OPTIONS



A variety of paint options are available to fulfill your coating requirements. Federal Standard 595B colors, Chemical Agent Resistant Coating (CARC) or spot color schemes are available. Contact a TMC Design representative to specify coating options (*most popular colors shown above*).

### RF MATING OPTIONS

All TMC Design antennas can be modified to include an RF connector that best fits your application. Be sure to specify the connector that is needed or ask one of our representatives for assistance in finding an RF mating solution that will best fit your requirements.

### HIGH-POWER OPTIONS

To increase range and improve reception, most TMC Design antennas can be modified operate in high-power applications.



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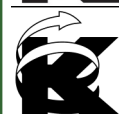
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**AS9100B**  
**KEMA CERTIFIED**

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**ISO9001:2008**  
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