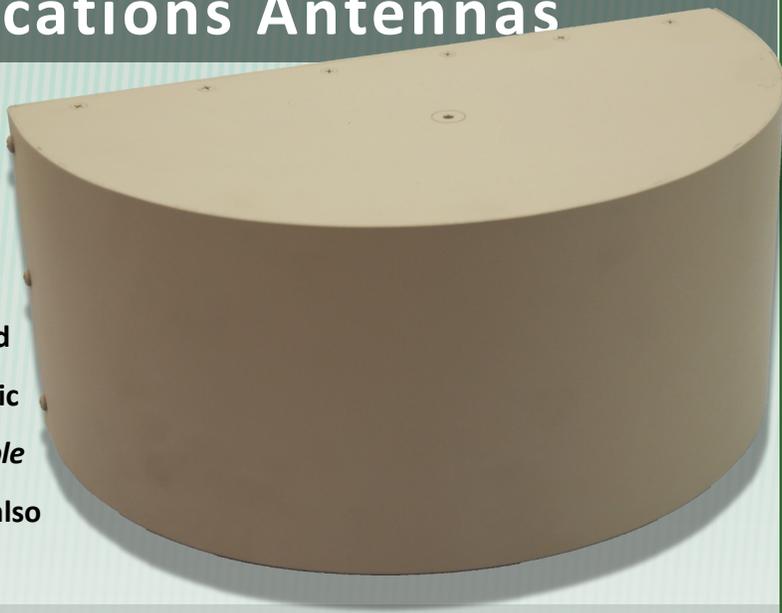


BC-06r

Wideband Communications Antennas

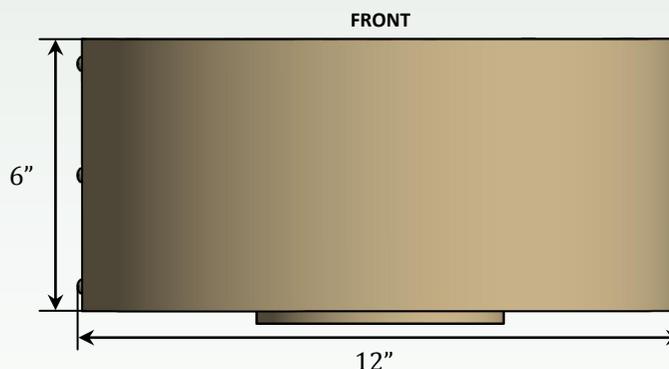
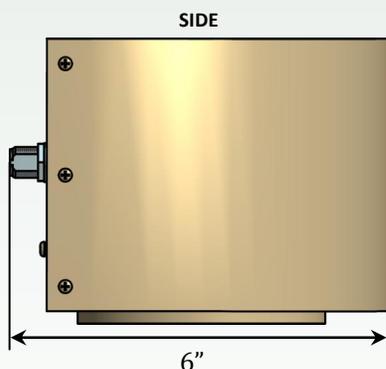
The BC-06r is a wide-band antenna ideal for applications requiring a wide azimuth beamwidth without complete omni-directional coverage. This small, mobile transmit and receive antenna is contained within a rugged, sealed fiberglass radome and is provided with a magnetic mount for outdoor, mobile applications (*available with optional tripod*). High-power models are also available (*BC-06r-HP, see specification table*).



FEATURES

- Durable fiberglass construction
- 120 degree forward azimuth beamwidth
- High-power, 200 watt version available (BC-06r-HP)
- Magnetic mount included
- Ideal for point-to-point and mobile communications

SPECIFICATIONS



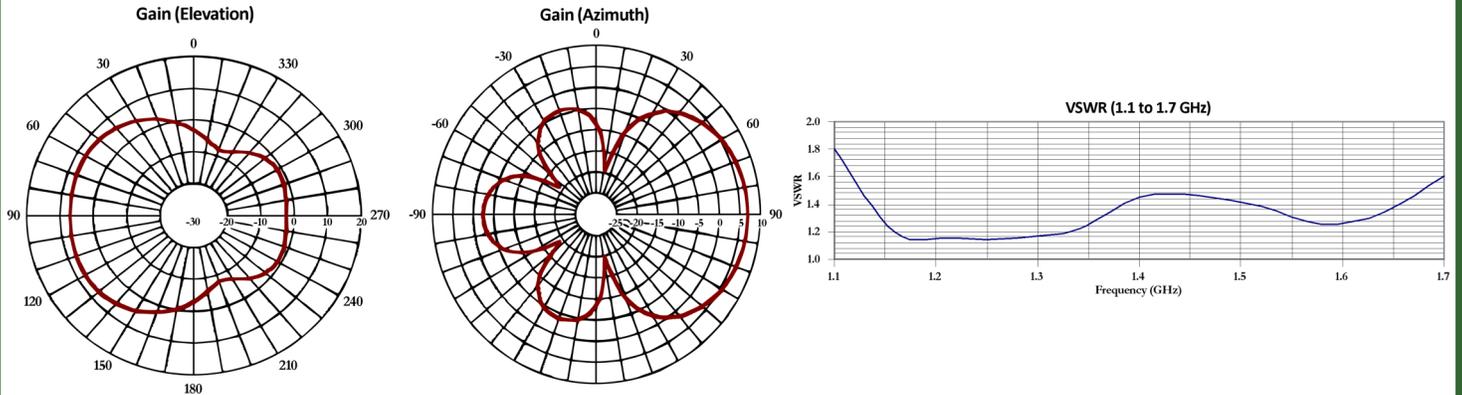
BC-06r-D-L	Type	Biconical
	Frequency Range	1.1 to 1.7 GHz
	Gain	10 dB @ f_0
	Polarization	Linear (Vertical)
	HPBW	120° x 45°
	Maximum Power	100 Watts, CW
	Maximum VSWR	2.1:1
	Connector	Type N
	Dimensions	6"(l) x 12"(w) x 6"(h)
	Weight	5.5 lbs

BC-06r-HP	Type	Biconical
	Frequency Range	1.1 to 1.7 GHz
	Gain	10 dB @ f_0
	Polarization	Linear (Vertical)
	HPBW	120° x 45°
	Maximum Power	200 Watts, CW
	Maximum VSWR	2.1:1 max
	Connector	Type N
	Dimensions	6"(l) x 12"(w) x 6"(h)
	Weight	5.5 lbs



BC-06r Wideband Communications Antennas

PERFORMANCE



CUSTOMIZING YOUR BC-06r ANTENNA

MOUNTING OPTIONS

The BC-06r antenna comes with a magnetic mount; ready for use in mobile applications. If a magnetic mount will not suit your application, the BC-06r 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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