



ANTENNA TECHNOLOGIES LIMITED COMPANY

MODEL: INVDISC1G3

Broadband Inverted Discone Antenna

1 to 3 GHz.

The ATLC “Inverted Discone” antenna is an excellent choice for applications such as ground to air, air to ground and beacon radio communications requirements.

These broadband, compact and rugged antennas provide optimum efficiency across a wide band of operation.

The INVDISC series of antennas are available in a variety of frequencies, colors and mounting options. ATLC can also provide a customized mounting configuration if required.



Figure 1: 1 to 3 GHz. Inverted Discone Antenna

GENERAL SPECIFICATIONS:

MODEL:	INVDISC1G3 (Also available INVDISC2G6, 2 to 6 GHz. and INVDISC400M900, 400 to 900 MHz.)
FREQUENCY*	1000-3000 MHz.
POLARIZATION	Linear
GAIN	+4 dBil Peak
VSWR	2.5:1
IMPEDANCE	50 ohm
POWER	100 Watts CW
PATTERN	
AZIMUTH	Omni Directional
ELEVATION	Tilted Cosine
DESIGN TEMPERATURE	-40° C to +75° C
CONNECTOR	N Type Jack (others available)
SIZE	5” Ground Plane x 3.4” Element Height
MOUNTING	Ground Plane Holes (Standard) or **Pole Mount Bracket Kit
FINISH (Paint)	Various Colors Available

*Other frequencies available, (INVDISC2G6, 2 to 6 GHz.) and (INVDISC400M900, 400 to 900 MHz.)

**Additional Cost

Revised 2019

Note: If exporting, this antenna may be subject to U.S. export/ITAR controls, a license may be required