



ANTENNA TECHNOLOGIES LIMITED COMPANY

# MODEL: INVDISC800MG3

## Broadband Inverted Discone Antenna

### 800 MHz. 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. Astron can also provide a customized mounting configuration if required.



Figure 1: 800 MHz. to 3 GHz. Inverted Discone Antenna

#### GENERAL SPECIFICATIONS:

MODEL:	INVDISC800M3G (Also available INVDISC1G3, 1 to 3 GHz, INVDISC2G6, 2 to 6 GHz. and INVDISC400M900, 400 to 900 MHz.)
FREQUENCY*	800 MHz. to 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 (INVDISC800M3G, 800 MHz. to 3 GHz, 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