



# ADVANCED TECHNICAL GROUP

## Four Ports Antenna Simulator for TCAS Systems



ATG's Antenna Simulator provides the proper loading to OEM's TCAS Systems and allows testing without having to transmit into an antenna or expensive test equipment. The rear of the box provides optional coupled ports for each of the input ports.

### Input:

Frequency: 1030/1090 MHz

Input Connector Type: N

Impedance: 50 Ohms

Input Power: 54 dbm

Pulse Width: 32 uSec

Duty Cycle: 1%

DC Port Resistance:

Fixed to one OEM configuration

Factory reconfigurable

### Coupled Ports (Optional):

Connector Type: SMA

Impedance: 50 Ohms

Coupling: 10-50 db available



### Dimensions:

(LxWxH) 7.25 x 7.5 x 2.5 inches

Weight: 2.5 lbs.

### Eight Ports Simulator Option (Top & Bottom)

An Antenna Simulator with 8 ports in a single housing is available for loading/testing of the top and bottom antenna ports simultaneously.

Dimensions: (LxWxH) 9 x 8 x 3.25 inches. Weight 3 lbs.

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ISO 9001:2008 Certified

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