



# ADVANCED TECHNICAL GROUP

## Eight Ports Antenna Simulator for TCAS Systems



### 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

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.

### Dimensions:

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

### Four Ports Simulator Option (Top or Bottom)

An Antenna Simulator with 4 ports in a single housing is available for loading/testing of the top or bottom antenna ports.

Dimensions: (LxWxH) 7.25 x 7.5 x 2.5 inches. Weight 2.5 lbs.

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ISO 9001:2008 Certified

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