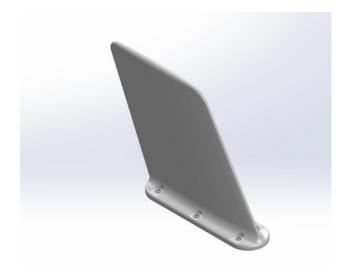


## AV-290 LOUD AND CLEAR



## PRODUCT DESCRIPTION

Part Number AV-290 NSN N / A

Market General Aviation

The AV-290 is a broadband blade type antenna for applications such as transponder, cellular, 4G, GSM, PCS, Wi-Fi, and UMTS. The AV-290 is designed to operate at speeds up to Mach 1 and altitudes up to 55,000 feet.

## PRODUCT SPECIFICATIONS

Application

Transponder, Cellular, 4G,

GSM, PCS, Wi-Fi, and UMTS

Frequencies

450-470 MHz 700-2700 MHz

Impedance

50 Ohms Nominal

VSWR

2.5:1 Max.

Polarization Vertical

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Pattern

Omni-Directional

Connectors

"BNC" Female (450-470 MHz)

"TNC" Female (700-2700 MHz)

RF Power Handling

10 Watts CW

Isolation

450-2700MHz: >30dB

Lightning Protection

910,000 Ohms To Ground

Max. Weight

1.28 lbs

Drag Coefficient Avg.

0.06 - 0.08

Force @ 600 Knots Airspeed 4.7 lbs

2.25 1.16 1.62 2.25 3.00 0.63 1.50 1.125 1.125 1.125

TNC



7.75