



**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
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

