

RAMI ANTENNAS

ALL LISTED ANTENNA SPECIALISTS HAVE 50 OHM IMPEDANCE. FOR SPEEDS TO 250 MPH AND 25,000' ALTITUDE.



ANTENNA AV-1

is a base station antenna for communications with ground vehicles or aircraft. It has heavy-duty construction with 3/8" diameter aluminum radials, a 1" diameter aluminum tube radiator, and is iridite-treated for durability. It mounts easily to a 1" diameter pipe or a 1-1/4" O.D. tube with locking set screws Application: VHF Communications Frequency: 118 to 137 MHz

Impedance: 50 Ohms Nominal VSWR: 2.0 to 1 Maximum Polarization: Vertical Pattern: Omni-Directional Connector: Type PL-259 Max Weight: 2.75 lb Max Height: 34 RF Power Capacity: 1000 Watts
AV-1 Base StationP/N 11-05996
Radial Rod for AV-1P/N 11-14053

VEHICLE COM ANTENNA AV-3

is a low profile snap-in mounting quarterwave antenna for use on surface vehicles. It has a solderless cable connection at the antenna and is supplied with 12 feet of cable and PL-529 connector. Application: VHF Communications Frequency: 118 to 137 MHz Impedance: 50 Ohms Nominal VSWR: 1.5 to 1 Maximum Polarization: Vertical Pattern: Omni-Directional Connector: Type PL-259 Max Weight: 2.50 lb Max Height: 55" Max (field cuttable) RF Power Capacity: 100 Watts.....P/N AV-3
Radiator Whip & Ball for AV-3 AntennaP/N 11-14055

VHF "BROAD BAND" COM ANTENNA

Blade type-low drag. Aluminum radiator encapsulated in rigid urethane foam with white fiberglass housing. 118-136 MHz. Power capability: 50 watts. 13-1/2" high. Weight: 20 oz. Application: Airborne Communications Frequency: 118 to 137 MHz Impedance: 50 Ohms Nominal VSWR: 3.0 to 1 Maximum Polarization: Vertical Pattern: Omni-Directional Connector: Type "BNC" Female Max Weight: 20 oz Max Height: 13-1/2" RF Power Capacity: 30 Watts P/N AVT-4



BASE STATION ANTENNA

Ground Plane 118-136 MHz Application: VHF Communications Frequency: 118 to 137 MHz Impedance: 50 Ohms Nominal VSWR: 1.5 to 1 Maximum Polarization: Vertical Pattern: Omni-Directional Connector: Type PL-259 Max Weight: 1.0 lb Max Height: 34" RF Power Capacity: 100 Watts.....P/N AV-5
Radial Rod for the AV-5.....P/N 11-14054

RAMI AV-7-1A 5/8 WAVE VEHICULAR COM ANTENNA ONLY AND ACCESSORIES

The AV-7 is a high performance vehicular antenna for use on all surface vehicles where communications on the aircraft VHF COM frequency band are required. Heavy duty constructed with a tapered 17-7PH stainless steel whip and spring mount. All exposed fittings are chrome-plated brass or stainless steel. Mounting is easily achieved on rooftop, cowl, fender or other suitable location via a magnetic or fixed "NMO" base. The antenna comes pre-tuned to operate in the aircraft VHF COM frequency band of 118-137 MHz.

AV-7-1A Antenna Only; 44.5" LengthP/N 11-14037
AV-7-3F Fixed base mount only 17' cable with BNC connector not attached.....P/N 11-14038
AV-7-2M Magnetic base only 12' cable with BNC connector attached. P/N 11-14039

RAMI AV-7F FIXED MOUNT 5/8 WAVE VEHICULAR COM ANTENNA

ANTENNA/VHF communications, fixed Mount, 118-137 MHz, spring loaded base, includes: 17' cable with unattached BNC Connector. Antenna with fixed mount base; 17' cable with "BNC" connector not attached. The AV-7 is a high performance vehicular antenna for use on all surface vehicles where communications on the aircraft VHF COM frequency band is required. Heavy duty constructed with a tapered 17-7PH stainless steel whip and spring mount. All exposed fittings are chrome-plated brass or stainless steel. Mounting is easily achieved on rooftop, cowl, fender or other suitable location via a fixed "NMO" base. The antenna comes pre-tuned to operate in the aircraft VHF COM frequency band of 118-137 MHzP/N 11-14035

RAMI AV-7M MAGNETIC 5/8 WAVE VEHICULAR COM ANTENNA

ANTENNA/VHF communications, whip type, magnetic base, 118-137 MHz, includes: 12' cable with attached BNC Connector. Antenna with magnetic base; 12' cable with "BNC" connector attached. The AV-7 is a high performance vehicular antenna for use on all surface vehicles where communications on the aircraft VHF COM frequency band is required. Heavy duty constructed with a tapered 17-7PH stainless steel whip and spring mount. All exposed fittings are chrome-plated brass or stainless steel. Mounting is easily achieved on rooftop, cowl, fender or other suitable location via a magnetic base. The antenna comes pre-tuned to operate in the aircraft VHF COM frequency band of 118-137 MHz...P/N 11-14036

ANTENNA AV-15

Used with aviation, land mobile radio and flight phone bands. Chrome-plated ball tip provides low noise static discharge. Designed to operate at speeds up to 350 mph and altitudes of 50,000 ft. It has a drag force of 0.75 lb @ 250 mphP/N 11-06993



VHF "BROAD BAND" ANTENNA - Rod type.

Silver plated braid radiator encapsulated in fiberglass tube with white epoxy finish. Die cast aluminum base. 118-136 MHz. Wt: 8 oz. BNC termination. Supplied with weather sealing rubber pad and mounting hardware. Application: Airborne Communications Frequency: 118 to 136 MHz Impedance: 50 Ohms Nominal VSWR: 1.8 to 1 Maximum Polarization: Vertical Pattern: Omni-Directional Connector: Type "BNC" Female Max Weight: 8 oz Max Height: 20-1/4" RF Power Capacity: 25 WattsP/N AV-529



VHF COM ANTENNA - Stainless steel bent whip antenna

with insulator and mounting hardware. 118-136 MHz. Wt. 3-1/2 oz. Application: Airborne Communications Frequency: 118 to 137 MHz Impedance: 50 Ohms Nominal VSWR: 3.0 to 1 Maximum Polarization: Vertical Pattern: Omni-Directional Connector: N/A Max Weight: 8 oz Max Height: 19-1/2" RF Power Capacity: 50 WattsP/N AV-534
AV-534 Install KitP/N 11-14061



MARKER BEACON ANTENNA - Boat Type Application:

Marker Beacon Frequency: 75 MHz Impedance: 50 Ohms Nominal VSWR: 1.6 to 1 Maximum Connector: Type "BNC" Female Max Weight: 6.25 oz Max Height: 2-1/2" RF Power Capacity: Receive only P/N AV-569



RAMI AV-801 GPS WAAS ANTENNA - The AV-801

WAAS GPS antenna is designed specifically to meet FAA TSO-C190 specifications. Qualification testing includes meeting the requirements of RTCA DO-301 and DO-160G. The AV-801 fit and function matches the ARINC 743A standard found on many general aviation aircraft up to and including business jets. P/N 11-14354



TRANSPONDER ANTENNA - Chrome plated, phosphor bronze radiating element

mounted in Teflon insulator. Ball tip for low-noise static discharge. May be installed from the outside. Can also be used as an ABS-B Antenna. TSOd. 1030-1090 & 978 MHz. BNC connector. Wt. 1 oz.P/N AV-22



RAMI AV-11 TRANSPONDER ANTENNA - The AV-11 is a non-certified transponder antenna

for experimental aircraft, similar to the TED 104-12 antenna. This rod style transponder antenna utilizes a BNC connector and requires a smaller mounting hole. The antenna is designed to operate at speeds up to 350 mph and altitudes up to 50,000 feet. It has a drag force of 0.41 lbs. @ 250 mph. Frequency: 1030-1090.P/N 11-15405



RAMI AV-21 RADIO TELEPHONE ANTENNA

The AV-21 is a rod style broadband radio telephone antenna which utilizes a BNC connector that allows for a smaller mounting hole. The antenna is designated to operate at speeds up to 350 mph and altitudes up to 50,000 feet. It has a drag force of 0.41 lbs at 250 mph.....P/N 11-16525



RAMI TRANSPONDER/DME ANTENNA (AV-74)

The AV-74 (.425 Stud Length) & the AV-74-1 (.800 Stud Length) are a broadband blade type antenna for transponders or DME application. The antenna housing is constructed of an acrylonitrile-styrene-acrylic (ASA) shell. The white color allows maximum performance without losses due to color pigments or unseen dirt. The antenna is supplied with cellular neoprene mounting pad and hardware. The antenna is designed to operate at speeds up to 350 mph and altitudes up to 50,000 ft. It has a drag force of 0.09 lbs @ 250 mph. This antenna is a direct replacement for the CI-105. • Application: Transponder/DME • Frequency: 960 - 1220 MHz • Impedance: 50 Ohms Nominal • VSWR: 1.5:1 Maximum • Polarization: Vertical • Pattern: Omni-Directional • Connector: "BNC" Female • Max Height: 3.4" • RF Power Capacity: 2.5 kW Peak • FAA TSO: C66c, C74c.
AV74 (.425 Studs)P/N 11-05846
AV74-1 (.800 Studs).....P/N 11-13996

