

Antenna Specialists® Quarter Wave Antennas

The **Antenna Specialist®** multi-band antenna is designed to match wide frequency-ranging synthesized radio equipment. It features a heavy duty stainless steel spring and black textured co-polyester base that provides maximum durability and long-lasting performance in rugged operating environments. This antenna is compatible with Antenna Specialists® 3/4 inch hole mounts. It is field tunable within the range of specified VHF and UHF frequencies.

Features

- Broadband - designed to match wide frequency-ranging synthesized radio equipment
- Four models available with varying features to address various application requirements
- Removable whip for fine tuning or replacement

Antenna Electrical Specifications

Model	Frequency Range	Bandwidth	Gain
ASPR7495	150-512 MHz, field tunable	24 MHz (406-512 MHz)	Unity
ASPR795	108-512 MHz, field tunable	100 MHz (406-512 MHz)	Unity
ASPC201	108-512 MHz, field tunable	100 MHz (406-512 MHz)	Unity
ASPC201L*	108-512 MHz, field tunable	100 MHz (406-512 MHz)	Unity
ASPE7495**	150-512 MHz, field tunable	100 MHz (406-512 MHz)	Unity

Mechanical Specifications

Model	Whip Length at lowest frequency
ASPR7495	16-3/8"
ASPR795	26"
ASPC201	26"
ASPC201L*	26"
ASPE7495	16-3/8"

Mounting Method

Model	Mounting Method
ASPR7495	1-1/8" -18 thread mobile mounts, including 3/4" hole mounts
ASPR795	1-1/8" -18 thread mobile mounts, including 3/4" hole mounts
ASPC201	3/8" hole snap-in mounts
ASPC201L*	3/8" hole snap-in mounts
ASPE	1-1/8" -18 thread mobile mounts, including 3/4" hole mounts

* This model includes 17 ft RG-58/U cable and UHF male connector

** This model includes elastomer spring



MAXRAD

Technical Data

Maximum Power: 150 watts 100 watts (ASPC models)
Nominal Impedance: 50 ohms
VSWR: < 1.5:1 (ASPR795 and ASPC models) < 2.0:1
Radiator Material: 0.125" diameter, 17-7PH stainless steel 0.072" diameter, 17-7PH stainless steel (ASPC models) 0.046" diameter, stainless steel (ASPR795)
Spring Material (if available with antenna): Stainless steel
Base Material: Teflon™
Base and Fittings: Aluminum, plated steel and brass (ASPR795)

For detailed specifications, visit <http://antenna.pctel.com>.