

Silhouette Transit Antennas

The silhouette antennas are designed for transit vehicle installations requiring overhead clearance, including buses, fire-fighting engines, railroad equipment, airport service vehicles, and construction equipment. These low profile multi-band antennas provide wideband coverage of specific frequencies without field tuning required.* They are housed in a high impact molded ASA radome for long-lasting performance under severe environmental conditions. A GPS multi-band model is also available.

Features

- Rugged - high impact molded ASA radome assures long, reliable performance and protection against the elements
- High Performance - when mounted on a flat surface, maximum radiation is vertical and omnidirectional
- Disguised Appearance - low profile for minimum exposure to theft or vandalism
- Wideband Coverage - requires no field tuning*
- GPS Tracking Support Capability - model AST800/1900GPS only

ASP574 low profile transit antenna series for VHF coverage



Technical Data

Maximum Power: 100 watts
Polarization: Vertical Right hand circular (GPSL1 frequencies)
Nominal Impedance: 50 ohms
VSWR: < 1.5:1 (GPSL1 frequencies) < 2.0:1, maximum
Radome Material: White, high impact molded ASA
Cable: Sold separately. Call factory for cable assembly options.
Mount Method: Standard 1-5/16" roof hole mount Supplied with screws and weather-proof gasket.

Antenna Electrical Specifications

Model	Frequency Range	Bandwidth**	Gain
ASPB574**	148-160 MHz	0.5 MHz	Unity
ASPC574**	160-174 MHz	0.5 MHz	Unity
ASP572	450-470 MHz	20 MHz	Unity
ASP772	450-470 MHz	20 MHz	Unity
ASPB572	470-488 MHz	18 MHz	Unity
ASPC572	488-512 MHz	24 MHz	Unity
ASP764	764-806 MHz	42 MHz	Unity
ASP931	806-894 MHz	88 MHz	Unity
ASPG931	890-960 MHz	154 MHz	Unity

* All models except those covering VHF frequencies

** Field Tunable within specified frequencies

Mechanical Specifications

Model	Termination	Dimensions
ASPB574**	SO-239 (UHF female, panel mount)	4.1" H x 17" L x 3.5" W
ASPC574**	SO-239 (UHF female, panel mount)	4.1" H x 17" L x 3.5" W
ASP572	UHF female, panel mount (mates with PL259 male)	3.13" H x 8" L x 3.5" W
ASP772	BNC female bulkhead	3.4" H x 8" L x 3.5" W
ASPB572	UHF female, panel mount (mates with PL259 male)	3.4" H x 8" L x 3.5" W
ASPC572	UHF female, panel mount (mates with PL259 male)	3.4" H x 8" L x 3.5" W
ASP764	N female, panel mount	3.4" H x 8" L x 3.5" W
ASP931	N female, panel mount	3.4" H x 8" L x 3.5" W
ASPG931	N female, panel mount	3.4" H x 8" L x 3.5" W

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