

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

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 |

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 |



ASP574 low profile transit antenna series for VHF coverage



ASP931 low profile transit antenna



Technical Data

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|---|
| Maximum Power: 100 watts |
| Polarization: Vertical |
| Nominal Impedance: 50 ohms |
| VSWR: < 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. |