

AVS-204 & AVS-304 Omnidirectional Linear Antenna

SVP Broadcast Microwave AVS vertically polarized omni antennas are designed for applications requiring extra strength, particularly for vehicle roof applications (to withstand tree branch impacts) and for fixed-wing aircraft installations (to withstand higher windspeeds than in a helicopter operation).

These antennas compliment SVP slimline omni antenna range, similarly featuring highly efficient, wideband groundplane independent 2 tier arrays of balanced centre-fed collinear dipoles.

High performance with consistent gain and radiation pattern across their wide operating bands results from a unique conical dipole and double isolating choke design preventing stray currents on the feed system.



Characteristics

AVS-204

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|-----------------|--|
| Frequency band: | 2000 - 2500 MHz 2300 - 2700 MHz |
| Gain: | 4.5 dBi |
| Elevation B/W: | 35 degrees |
| Azimuth B/W: | 360 degrees (omni, no ripple) |
| Polarization: | Vertical |
| Return loss: | 14 dB typical (1.7 to 1 VSWR) |
| Diameter: | 41 mm |
| Length: | 260 mm (2000 - 2500 MHz) 242 mm (2300 - 2700 MHz) |
| Connector: | N female |
| Mount: | Through hole flange |

AVS-304

| | |
|-----------------|-------------------------------|
| Frequency band: | 3300 - 3700 MHz |
| Gain: | 4.5 dBi |
| Elevation B/W: | 35 degrees |
| Azimuth B/W: | 360 degrees (omni, no ripple) |
| Polarization: | Vertical |
| Return loss: | 14 dB typical (1.7 to 1 VSWR) |
| Diameter: | 41 mm |
| Length: | 212 mm |
| Connector: | N female |
| Mount: | Through hole flange |

Design and specifications are subject to changes without prior notice. 01/18