

AVS 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

Frequency band:	1700 - 1900 MHz 2000 - 2500 MHz 2300 - 2700 MHz 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:	330 mm (1700 - 1900 MHz) 260 mm (2000 - 2500 MHz) 242 mm (2300 - 2700 MHz) 212 mm (3300 - 3700 MHz)
Connector:	N female

How to Order:

AVS - 204 - 2025

1 = 1 GHz frequency band
2 = 2 GHz frequency band
3 = 3 GHz frequency band

Frequency band

1719 = 1700 - 1900 MHz
2025 = 2000 - 2500 MHz
2327 = 2300 - 2700 MHz
3337 = 3300 - 3700 MHz

Frequency range