

## 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.

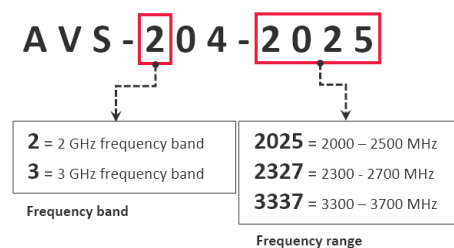


### Characteristics

AVS-204	
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:	277 mm (2000 - 2500 MHz) 252 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

How to Order:



Design and specifications are subject to changes without prior notice. 02/18