

## 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:	2,000-2,200 MHz (AVS-206-2022) 2,200-2,400 MHz (AVS-206-2224) 2,300-2,500 MHz (AVS-206-2325) 4,400-4,700 MHz (AVS-406-4447) 4,700-5,000 MHz (AVS-406-4750)
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Gain:	6 dBi
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Elevation B/W:	27 degrees
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Azimuth B/W:	360 degrees (omni, no ripple)
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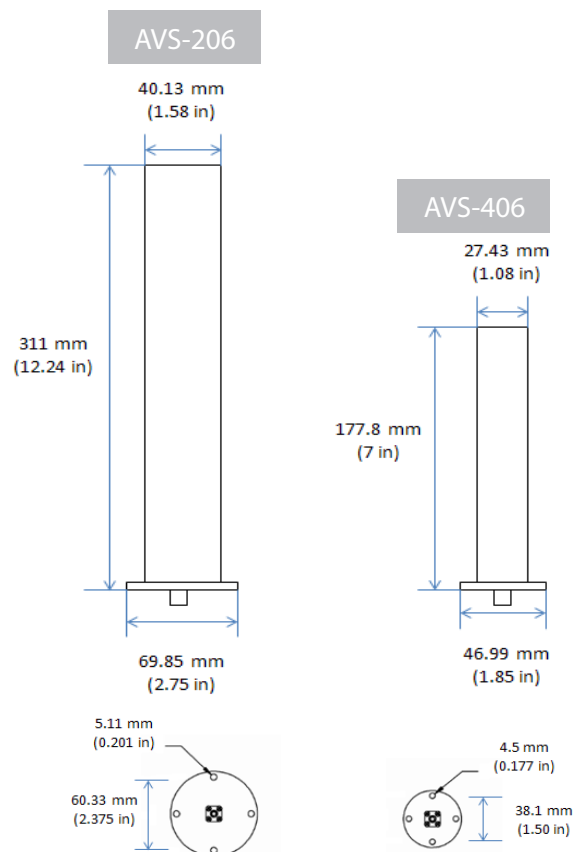
Polarization:	Vertical
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Return loss:	14 dB typical (1.7 to 1 VSWR)
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Length:	311 mm (AVS-206) 177,8 mm (AVS-406)
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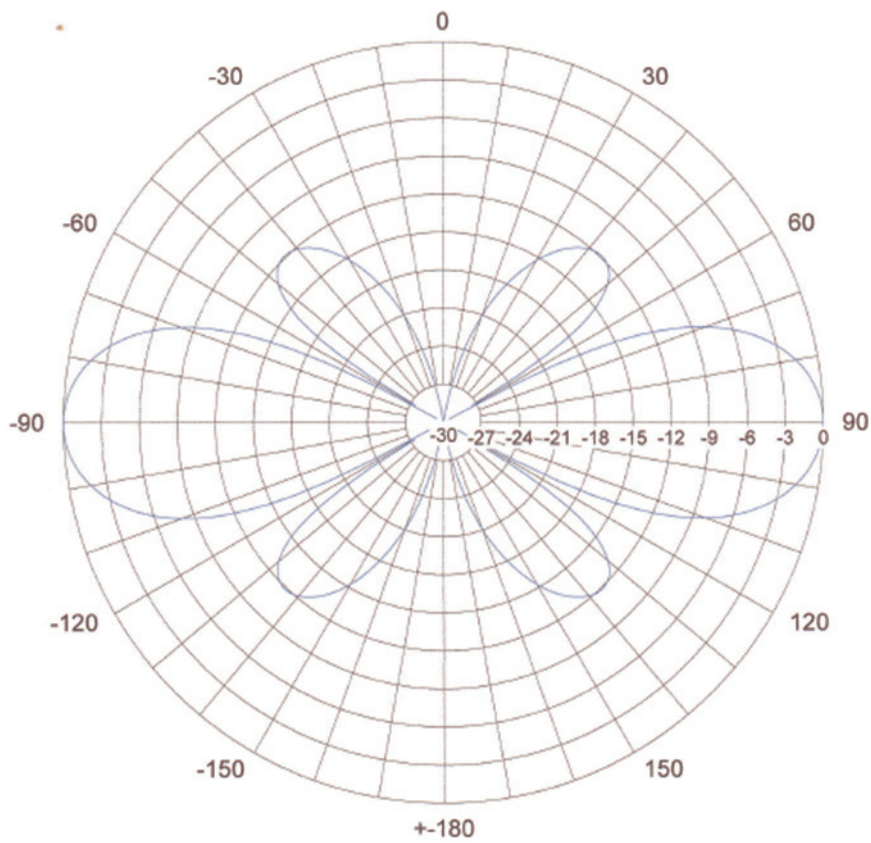
Connector:	N female
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Mount:	Through hole flange
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AVS-206 : Radiation Pattern



Design and specifications are subject to changes without prior notice. 07/20