

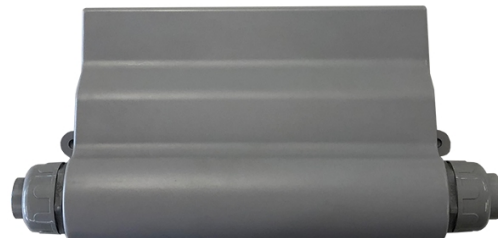
JMA

SV02UTS136-PT

NWAV™ V-Pol Antenna

MIMO 360° panel Under-the-Seat Ultra wide band OMNI, 2 ports 617-5925 MHz

- Low-profile antenna
- 2x2 under-seat mount antenna
- Wide band OMNI covering 617-5925 MHz
- Enhanced MIMO capability
- Excellent Return Loss performance
- Liquid-tight conduit fittings for ease of installation
- Pass-through conduit for daisy chain cabling



Electrical specification (min/max)								
Frequency bands, MHz	617-697	698-806	807-960	1695-1880	1850-1990	1920-2180	2300-2500	2500-2690
Polarization	Vertical							
Impedance, ohms	50							
Gain, dBi ¹	3.7	4.8	4.0	5.2				
Horizontal beamwidth (HBW), degrees	Omni (360°)							
Port-to-port isolation, dB ¹	15	20	20	25				
Max VSWR / return loss, dB	1.5:1 / -14.0							
PIM @ 2x43dBm	-153			-153				
Maximum input power port, watts	20							

Electrical specification (min/max)				
Frequency bands, MHz	3400-3700	3800-4200	5150-5800	5800-5925
Polarization	Vertical			
Impedance, ohms	50			
Gain, dBi ¹	4.7		4.3	
Horizontal beamwidth (HBW), degrees	Omni (360°)			
Port-to-port isolation, dB ¹	30			
Max VSWR / return loss, dB	1.5:1 / -14.0	1.53:1 / -13.5	1.5:1 / -14.0	1.62:1 / -12.5
PIM @ 2x43dBm	N/A			
Maximum input power, watts	20			

¹ Typical value over frequency.

Ordering information	
Antenna model	Description
SV02UTS136-PT	UTS MIMO antenna with pigtailed & pass-through conduit, 1X 16" and 1X 24" pigtailed with 2.2-5 connectors
SV02UTS136-PT5	UTS MIMO antenna with pigtailed & pass-through conduit, 2X 60" pigtailed with 2.2-5 connectors

Pattern information	
Please contact customer service for antenna pattern files.	customerservice@jmawireless.com



SV02UTS136-PT

NWAV™ V-Pol Antenna

Mechanical specifications

Dimensions length/width/depth, inches (mm)	12.5/ 8.0/ 4.09 (317.5/ 203.2/ 66) (Excludes conduit fittings)
No. of RF input ports, pigtails	1x 16" pigtail & 1x 24" pigtail, both with 2.2-5.0 connectors
RF connector torque	26.6 lbf·in (3 N·m or 2.2 lbf·ft)
Net antenna weight, lb (kg)	2.36 (1.07)
Operating temperature	-20 °F to +120 °F
Application	Outdoor
Radome color	Grey RAL 7004
Radome material	UV-PC/ABS
Radome flammability rating	UL 94 HB
Liquid-tight connector location	Left- and right-hand side with 1-1/4" diameter pass-through pipe
Mounting	Wall mount (two mounting lugs, one per side)

Mechanical views

Integrated cable pass through pipe
to allow for multi unit cabling

Pigtail RF Cables field
configurable for left OR right
hand side connection

End Conduit Cap for use
when configuring the
antenna as only a Left or
Right hand unit

