

**7226.04****Urban Vertical Polarized**

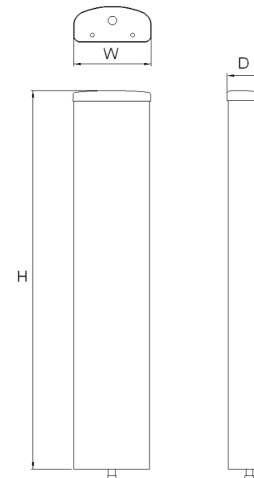
POLARIZATION: V-Pol  
 FREQUENCY (MHz): 870-960  
 HORIZONTAL BEAM WIDTH (°): 65  
 GAIN (dBi/dBd): 15.5/13.4  
 TILT: FET  
 LENGTH: 1.3m (4'3")

**ELECTRICAL SPECIFICATIONS\***

Frequency range (MHz)	870-960
Frequency band (MHz)	870-960
Gain (dBi/dBd)	15.5/13.4
Polarization	Linear vertical
Nominal Impedance ( $\Omega$ )	50
VSWR	<1.3:1
Horizontal beam width, -3 dB (°)	65
Vertical beam width, -3 dB (°)	14
Electrical down tilt (°)	0
Side lobe suppression, vertical 1st upper (dB)	>17
First null fill (dB)	>-20
Vertical beam squint (°)	0.5
Front to back ratio (dB)	>23
IM3, 2xTx@43dBm (dBc)	<-150
Power handling, average total (W)	500

**MECHANICAL SPECIFICATIONS\***

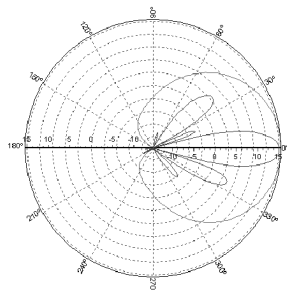
Connector	1 x 7/16 DIN female
Connector position	Bottom
Dimensions, HxWxD, mm (ft)	1320x256x50 (4'4"x10"x2")
Mounting	Pre-mounted standard bracket
Weight, with brackets, kg (lbs)	10.7 (23.5)
Weight, without brackets, kg (lbs)	7 (15.4)
Wind load, frontal/lateral/rear side 42 m/s Cd=1.6 (N)	816
Maximum operational wind speed, m/s (mph)	42
Survival wind speed, m/s (mph)	55
Lightning protection	DC grounded
Radome material	PVC
Radome colour	Light Gray
Package size, HxWxD, mm (ft)	1430x308x121 (4'8"x1'x5")
Shipping weight, kg (lbs)	8.5 (18)
Brackets	7456.00A, 2201.11, 7454.00, 7455.00, 7458.00



\*All specifications subject to change without notice. Please contact your Powerwave representative for complete performance data.

**ANTENNA PATTERNS\***

For detailed patterns visit <http://www.powerwave.com/rpa/>.



Typical Horizontal and Vertical  
 Pattern for Above Antenna