

5478.00

Low Broadband Cross Polarized

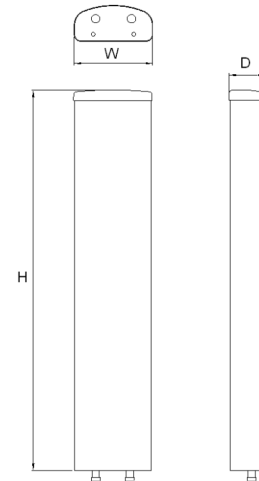
POLARIZATION: X-Pol  
 FREQUENCY (MHz): 806-960  
 HORIZONTAL BEAM WIDTH (°): 65  
 GAIN (dBi/dBd): 16.9/14.8, 17.3/15.2  
 TILT: FET  
 LENGTH: 2.6m (8'6")

**ELECTRICAL SPECIFICATIONS\***

Frequency range (MHz)	806-960	
Frequency band (MHz)	806-896	880-960
Gain (dBi/dBd)	16.9/14.8	17.3/15.2
Polarization	Dual linear ±45°	
Beam width, 0° (°)	50	
VSWR	1.4:1	
Horizontal beam width, -3 dB (°)	66	64
Vertical beam width, -3 dB (°)	7.3	7
Electrical down tilt (°)	0	
Side lobe suppression, vertical 1st upper (dB)	>20	>20
Isolation between inputs (dB)	>30	>30
Tracking, horizontal plane ±60° (dB)	<1.0	<1.0
First null fill (dB)	>-18	>-18
Vertical beam squint (°)	0.3	0.3
Front to back ratio (dB)	>30	>30
Front to back ratio, total power (dB)	>25	>25
Cross polar discrimination (XPD) 0° (dB)	-	-
Cross polar discrimination (XPD) ±60° (dB)	>12	>12
Far field coupling	-	-
IM3, 2xTx@43dBm (dBc)	<-150	
Power handling, average per input (W)	400	
Power handling, average total (W)	800	

**MECHANICAL SPECIFICATIONS\***

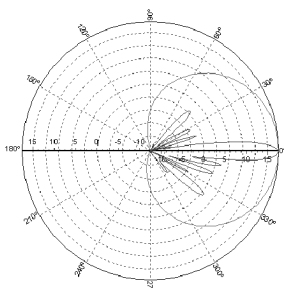
Connector	2 x 7/16 DIN Female
Connector position	Bottom
Dimensions, HxWxD, mm (ft)	2520x280x125 (8'3"x11"x4")
Mounting	Pre-mounted heavy duty brackets
Weight, with brackets, kg (lbs)	22.5 (49.6)
Weight, without brackets, kg (lbs)	17 (37.4)
Wind load, frontal/lateral/rear side 42 m/s Cd=1.6 (N)	1704
Maximum operational wind speed, m/s (mph)	42 (93)
Survival wind speed, m/s (mph)	55 (123)
Lightning protection	DC grounded
Radome material	PVC
Radome colour	Light Grey
Package size, HxWxD, mm (ft)	2725x355x255 (8'11"x1'2"x10")
Shipping weight, kg (lbs)	27.5 (60.6)
RET	-
Brackets	7256.00, 7454.00, 2210.10



\*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/>.



925 MHz