

5488.00

Low Broadband Cross Polarized

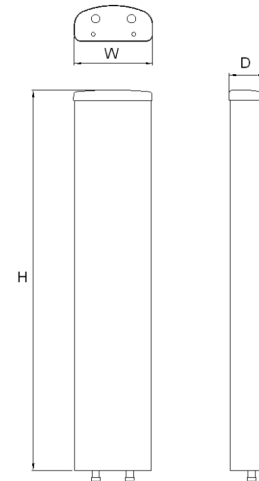
POLARIZATION: X-Pol
 FREQUENCY (MHz): 806-960
 HORIZONTAL BEAM WIDTH (°): 90
 GAIN (dBi/dBd): 15.8/13.7, 16.3/14.2
 TILT: FET
 LENGTH: 2.6m (8'6")

ELECTRICAL SPECIFICATIONS*

Frequency range (MHz)	806-960	
Frequency band (MHz)	806-896	880-960
Gain (dBi/dBd)	15.8/13.7	16.3/14.2
Polarization	Dual linear ±45°	
Impedance (Ω)	50	
VSWR	<1.4:1	
Horizontal beam width, -3 dB (°)	87	84
Vertical beam width, -3 dB (°)	7.6	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 (°)	0.2	0.1
Front to back ratio (dB)	>27	>27
Front to back ratio, total power (dB)	>22	>22
Cross polar discrimination (XPD) 0° (dB)	>21	>21
Cross polar discrimination (XPD) ±60° (dB)	>10	>10
Far field coupling	-	-
IM3, 2xTx@43dBm (dBc)	<-150	
Power handling, average per input (W)	400	
Power handling, average total (W)	600	

MECHANICAL SPECIFICATIONS*

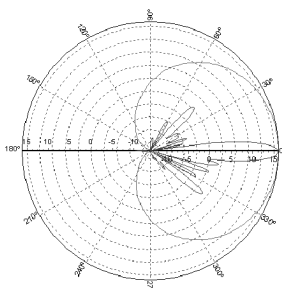
Connector	2 x 7/16 DIN Female
Connector position	Bottom
Dimensions, HxWxD, mm (ft)	2520x280x125 (8'3"x11"x4")
Mounting	Pre-mounted heavy duty brackets
Weight, with brackets, kg (lbs)	24.5 (54)
Weight, without brackets, kg (lbs)	19 (41.8)
Wind load, frontal/lateral/rear side 42 m/s Cd=1.6 (N)	1704
Maximum 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)	29.5 (65)
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