

5477.00

Low Broadband Cross Polarized

POLARIZATION: X-Pol
 FREQUENCY (MHz): 806-960
 HORIZONTAL BEAM WIDTH (°): 65
 GAIN (dBi/dBd): 15.6/13.5, 16.2/14.1
 TILT: FET
 LENGTH: 2.0m (6'6")

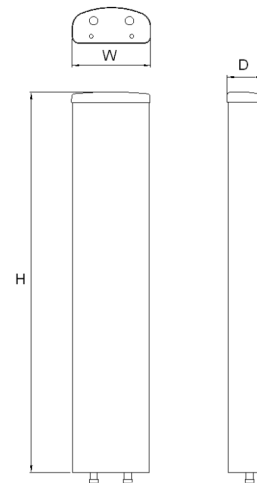
ELECTRICAL SPECIFICATIONS*

Frequency range (MHz)	806-960	
	806-896	880-960
Frequency band (MHz)		
Gain (dBi/dBd)	15.6/13.5	16.2/14.1
Polarization	Dual linear $\pm 45^\circ$	
Nominal Impedance (Ω)	50	
VSWR	1.4:1	
Horizontal beam width, -3 dB (°)	66	64
Vertical beam width, -3 dB (°)	9.5	9
Electrical down tilt (°)	0	
Side lobe suppression, vertical 1st upper (dB)	>20	>20
Isolation between inputs (dB)	>30	>30
Tracking, horizontal plane $\pm 60^\circ$ (dB)	<1.0	<1.0
First null fill (dB)	>-18	>-18
Vertical beam squint (°)	0.5	0.5
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) $\pm 60^\circ$ (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*

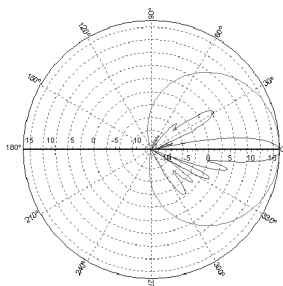
Connector	2 x 7/16 DIN Female
Connector position	Bottom
Dimensions, HxWxD, mm (ft)	2020x280x125 (6'7"x11"x4")
Mounting	Pre-mounted heavy duty brackets
Weight, with brackets, kg (lbs)	18.5 (40.7)
Weight, without brackets, kg (lbs)	13 (28.6)
Wind load, frontal/lateral/rear side 42 m/s Cd=1.6 (N)	664
Maximum 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)	2225x355x255 (7'3"x1'2"x10")
Shipping weight, kg (lbs)	23 (50.7)
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