



HXPM6X3WW1718065T2CV2

790-960	1710-2690	1710-2690
X	X	X
65°	65°	65°

Electrical Specifications

Frequency Range, MHz	790~896	870~960	1710~1880	1880~2200	2200~2500	2500~2690
Gain, dBi	16±0.5	16.5±0.5	17.0±0.5	17.3±0.5	17.4±0.5	17.6±0.5
VSWR	≤1.5	≤1.5	≤1.5	≤1.5	≤1.5	≤1.5
Isolation between Ports, dB	≥28	≥28	≥28	≥28	≥28	≥28
Horizontal Beam Width, degrees	66±5	65±5	69±5	68±5	63±5	60±5
Vertical Beam Width, degrees	9.5±0.5	8.5±0.5	6.5±0.5	6.0±0.5	5.5±0.5	5±0.5
First upper Side Lobe Suppression, dB	≥16					
Electrical Downtilt, degrees	2-12	2-12	2-12	2-12	2-12	2-12
Cross Polarization Ratio, dB	≥15@0° (≥10@±60°)					
Front to Back Ratio, dB	Typ. ≥25					
Polarization	±45°					
Input Maximum CW Power, W	400	400	250	250	250	250
Intermodulation IM3, 2×20W, dBc	≤-153					
Impedance, Ω	50					

Mechanical Specifications

Lightning Protection	DC Ground
Input Connector	6×7/16 DIN female, Bottom
Dimensions of antenna	2180×398×140 mm
Packing size	2500×480×250 mm
Weight of antenna	27.5Kg/32.3 Kg (Clamps incl.)
Diameter of installation pole	φ50 ~φ110 mm
Tilt Bracket	0°~12°
Operating temperature range	-40℃~+65℃
Wind load at 42m/s	1260N/405N/1441N(Frontal/Lateral/Rearal)
Max wind speed	60m/s
Radome material	FRP

Special Information

Remote Electrical Tilt (RET)	Integrated, AISG 2.0
Interface structure	

