

# 80012065

## Narrow beam antenna 698-960/1710-3800Mhz

Stadium antenna  
698-960/1710-3800Mhz  
X-Pol 2-port 13/13/13dBi  
38°/37°/33°

Type	80012065		
Frequency (MHz)	698-960	1710-2700	3300-3800
Gain (dBi)	12.5	13	13
VSWR	≤2.0	≤2.0	≤2.0
Polarization	±45°		
PIM3 (dBc, @2x43dBm)	≤-150		
Horizontal Beamwidth (°)	38±6	37±6	33±6
Vertical Beamwidth (°)	38±6	36±6	32±6
Front to back ratio (dB)	≥18	≥16	≥16
Isolation (dB)	≥20	≥24	≥24
Input impedance (Ω)	50		
Max input power	100W		
Lightning protection	DC grounded		
Connectors	2 x 4.3-10 Female		
Dimension (mm)	456 x 422 x 131		
Weight (kgs)	Antenna 6kg Bracket 1.80kg		
Ingress Protection Class	IP65		
Wind Load (N) @ 150km/h wind speed	Frontal: 253.85 Lateral: 85.51 Rearside: 296.15		
Radome material	UV-PVC		
Reflector material	Aluminium		
Max wind velocity (km/h)	210		
Operating Temperature (°C)	-40 to +65		
Mounting	Pole Mount (Pole Size: Ø50-Ø80mm)		

## Dimensions

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