



Features:

Superior electrical performance

Stainless Steel Hardware
 Hot-dip Galvanized structural steel
 Selectable Non-penetrating or Penetrating mount

High-qualified antenna structure
 Easy and cheap to deliver with compact package;
 Responsive customer service support

ELECTRICAL SPECIFICATION		
Diameter	3M	
Operating Frequency, GHz	X-Band	
	Receive	Transmit
	7.25~7.75	7.9~8.4
Gain, Mid-band, dBi	$\geq 45.5 + 20\log(f/7.5)$	$\geq 45.9 + 20\log(f/8.15)$
Polarization	Circular	

VSWR	≤1.5:1(Including the Tx filter)	≤1.3:1
Axial Ratio (dB)	≤0.7	
Feed Interface	WR112	WR112
Feed Insertion Loss, dB	0.3	
Isolation, Tx to Rx, dB	80	
MECHANICAL SPECIFICATION		
Antenna Type	Ring-focus antenna	
Antenna Pedestal Type	Kingpost Pedestal	
Azimuth	0~360°	
Elevation	0°~90°	
Finishes		
Reflector Surface	Aluminum panels with high-diffusing white paint	
Pedestal & Back Structure	Hot-dipped Galvanized	
Surface Accuracy (RMS)	≤ 0.35mm	
Antenna Drive	Manual or Motorized Drive	
ENVIRONMENTAL SPECIFICATION		

