

1.2m C/Ku-Band Offset Rx Only Antenna



Features:

- Aluminum reflector with high precision
- Fashionable design, easy installation and adjustment
- Factory king post pedestal assembled to reduce installation time
- Excellent in stability

1.2m C/Ku-Band Offset Rx Only Antenna Specifications

◆ R.F SPECIFICATIONS	C-Band	Ku-Band
	RECEIVE	RECEIVE
	3.625-4.2	12.25-12.75
	3.4-4.2 ★	10.95-12.75 ★
	32.03 at 3.8GHz	42.05 at 12.5GHz
	1.3:1	1.3:1
	4.133°	1.297°
5. Antenna Noise Temperature (K)	1/2Port Feed	1/2Port Feed
10° Elevation	39K	44K
20° Elevation	34K	39K
40° Elevation	30K	35K
6. Typical G/T at 20°EL	13.97dB/K(3.8GHz, 30K LNA)	21.68dB/K(12.5GHz, 70K LNA)
7. Feed Interface	CPR-229	WR-75
8. Feed Insertion Loss	0.15dB	0.2dB
9. Cross Pol Isolation		
On Axis	≥30dB	≥30dB
10. Sidelobes	CCIR.580-6	CCIR.580-6
◆ MECHANICAL SPECIFICATION		◆ ENVIRONMENTAL SPECIFICATION
1. Antenna Type	Offset	45mph(72km/h)
2. Drive Type	Manual	60mph(97km/h)
3. AZ Travel	0 to 360°	3. Wind Loading, Survival (Fixed Heavenward) 125mph(200km/h)
4. EL Travel	10° to 90°	-40°C to 60°C
5. POL Travel	±90°	100mm/h
6. Reflector Material	Precision formed aluminum	6. Relative Humidity 0 to 100%
7. Reflector Segments	1	7. Solar Radiation
8. Mount Type	Pole mount	8. Ice 25mm on all surface or 13mm on all surface with 130km/h wind gusts
		9. Shock and Vibration As encountered during shipment by commercial air, sea or truck
		10. Seismic (Survival)