



Antena 2.40M Channel Master

Características:

- Two-piece precision offset thermoset molded reflector.
- Fine azimuth and elevation adjustments.
- Galvanized feed support arm and alignment struts.
- Factory pre-assembled mount.
- Galvanized and stainless hardware for maximum corrosion resistance.
- Available with a wide variety of C-Band and Ku-Band Rx-Tx feed assemblies and ODU mounting kits.

The Channel Master Type 243 2.4m Offset Rx-Tx Antenna is a rugged commercial grade product suitable for the most demanding applications. The two-piece reflector is thermoset-molded for strength and surface accuracy. Molded into the rear of each reflector half is a network of support ribs which not only strengthens the antenna, but also helps to sustain the critical parabolic shape necessary for transmit performance. The Az/EI mount is constructed from heavy-gauge steel to provide a rigid support to the reflector and feed support arm. Heavy-duty lockdown bolts secure the mount to any 6.63 in .O. D.mast to prevent slippage in high winds. Hot-dip galvanizing is standard for maximum environmental protection.

		C - Band Linear	Ku - Band Linear
Effective Aperture		2.4m(96 in.)	2.4m(96 in.)
Operating Frequency	Tx Rx	5.850 - 6.725 GHz 3.400 - 4.200GHz	13.75 - 14.50 GHz 10.70 - 12.75 GHz
Polarization		Linear, Co or Cross - Polarized	Linear, Co or Cross - Polarized
Gain (z.3dBi)	Tx Rx	42.0 dBi @ 6.138 GHz 38.0 dBi @ 3.913 GHz	49.3 dBi @ 14.25 GHz 47.6 dBi @ 11.95 GHz
3 dB Boamwidth	Tx Rx	1.3° @ 6.1 GHz 2.1° @ 3.9 GHz	.59° @ 14.3 GHz .71° @ 12.0 GHz
Sidelobe Envelope (Tx, Co-Pol dBi) 2° < Ø 30 dB (on axis)	>30 dB (on axis)		
Antenna Noise Temperature "	10' EI 20' EI 30' EI	40' K 35' K 32' K	42' K 34' K 31' K
VSWR		1.3:1 Max.	1.3:1 Max.
Isolation, Tx to Rx		60 dB Min.	80 dB Min.
Feed Interface	Tx Rx	Type N or CPR-137 CPR-229	WR-75 WR-75


*1° for Ku-Band Envelope - "Does not include dissipative losses

Reflector Material	Glass Fiber Reinforced Polyester	Wind Loading	Operational: 50 mi/h (80km/h) Survival: 125 mi/h (200 km/h)
Antenna Optics	Two-Piece Offset Feed Prime Focus	Temperature	-50° C to 80° C
Mount Type	Elevation over Azimuth	Humidity	0 to 100% (Condensing)
Elevation Adjust. Rango	10° 90° Continuous Fine Adjustment	Atmosphere	Salt, Pollutants and Contaminants as Encountered in Coastal and Industrial Areas
Azimuth Adjust Rango	360 Continuous Fine Adjustment	Solar Radiation	360 BTU/h/ft²
Mast Pipe Interface	6.63 in (168mm) Diameter	Shock and Vibration	As Encountered During Shipping and Handling
Wind Loading	Operational: 50 mi/h (80km/h) Survival: 125 mi/h (200 km/h)		



 **Antenas de México**

LOS EXPERTOS EN INSTALACIONES
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