

P450FAE

PRIME FOCUS 4.5 METER SECTIONAL ANTENNA



- Precision Compression Molded Centerfed Reflector
- Low Transportation Cost with Eight Panel Reflector
- Individual Panels Interchangeable and Field Replaceable
- Galvanized Kingpost Included

Antenna Size	4.5 Meter	
Electrical Specifications	C band	Ku-band
Operating Frequency	3.625 to 4.2 GHz	10.95 to 12.75 GHz
Midband Gain ($\pm .5$ dB)	42.9 dBi	52.6 dBi
3dB Beamwidth	1.2°	.42°
Feed Interface	CPR 229	WR 75
First Sidelobe (typical)	-20 dB	
Cross-Pol Isolation (Linear)	>30 dB Min. (on axis)	
VSWR	1.3:1 Max.	
Mechanical Specifications	Eight Segment Glass Fiber Reinforced Polyester SMC	
Reflector Material	Prime Focus, Axisymmetric	
Antenna Optics	10" SCH 40 Pipe (10.75" OD)	
Mast Pipe Size	5° to 90° Continuous Fine Adjustment	
Elevation Adjustment Range	360° Continuous	
Azimuth Adjustment Range	.30/Quad Feed Support	
f/D Ratio/Feed Support		
Environmental Specifications	45 mph (72 km/h)	
Operational Wind Speed	125 mph (201 km/h)	
Survival Wind Speed	-40° to 140°F (-40° to 60° C)	
Temperature – Operational	-50° to 160°F (-46° to 71° C)	
Temperature – Survival		