

VS-SSE45FAE

VS-SSE45MAE

**4.5 METER PRIME FOCUS RECEIVE ONLY
ANTENNA (12 PANEL REFLECTOR)**




- **12 Panel Precision Stretched Stamped Steel Reflector**
- **Available in Fixed and Dual Axis Motorized Configurations**
- **Two Man Installation**

Antenna Size	4.5 Meter	
Electrical Specifications	C-band	Ku-band
Operating Frequency (GHz)	3.7 – 4.2	10.95 – 12.75
Midband Gain, dBi (Reference to OMT Port)	43.6 dBi min @ 4.0 GHz	53.1 dBi min @ 12.0 GHz
3dB Beamwidth	1.1°	0.4°
Antenna Noise Temperature (40° Elevation)	22K	26K
Cross-Polarized Suppression	35 dB minimum on axis	
Feed Interface	CPR229F	WR75
First Sidelobe (typical)	-22 dB	-20 dB
Isolation (Port to Port)	35 dB minimum	
VSWR	1.3:1 Max.	
Mechanical Specifications		
Reflector Material	12 panel, precision stretch steel	
Antenna Optics	Prime Focus, Axisymmetric	
Mount Options	Tripod Mount	
F/D Ratio / Feed Support	.375 / Quad Feed Support	
Elevation Adjustment Range	0° to 90° Continuous	
Azimuth Adjustment Range	Manual 360° / Motorized 120°	
Environmental Specifications		
Wind Load		
Survival	125 mph (201 km/h)	
Operational	45 mph (72 km/h)	

Specifications are subject to change without notice