

7.5 Meter Prime Focus Receive Only Antenna



Your Trusted Source for Satellite Equipment



VS-750AZKP
VS-750DAKP

- High Accuracy Stretch-formed Aluminum Panels
- Factory Assembled Mount Reduces Installation Time
- Contoured petals with matched radial beams and hub assembly ensure easy installation without field alignment.
- Fixed and Motorized Mounts

ELECTRICAL SPECIFICATIONS		
	C-Band	Ku-Band
Receive Frequency in GHz	3.625 - 4.2	10.95 - 12.75
Midband Gain	47.9 dBi	57.0 dBi
Noise Temperature	45 K @ 10°	50 K @ 10°
Ports/Polarization	1 or 2 port Circular 1 or 2 port Linear	1 or 2 port Linear
Polarization Rotation	360° Continuous	360° Continuous
VSWR	Rx 1.4:1	Rx 1.4:1
Feed Flanges	Rx CPR 229G	Rx WR75

MECHANICAL SPECIFICATIONS	
Antenna Diameter	7.5m
Azimuth Travel	120° Standard
Elevation Travel	0° to 90° Standard
Drive System: Elevation	Mechanical Screw Jack Standard
Drive System: Azimuth	Mechanical Screw Jack Standard
Mount Type	Tube Pedestal
Structure Material & Finish	Hot Dip Galvanized Steel
Reflector Material & Finish	Aluminum w/high diffusive white Powder Coat finish on reflective surface

ENVIRONMENTAL SPECIFICATIONS	
Wind Load	
Operational	45 mph (72 km/h); gusts to 60 mph (97 km/h)
Survival	125 mph (200 km/h) @ 58°F (15°C)
Temperature	
Operational	+5° to +122°F (-40° to 60°C)
Survival	-22° to +140°F (-1° to +82°C)

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Specifications are subject to change without notice

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