



Satellite Solid Antenna

3M, 3.7M, 4.5M, 6M

Features

- *Stretch formed aluminum reflector with high precision*
- *Well in anti-corrosion*
- *Excellent in stability*
- *Accurate in adjustment*

Specifications

Model	S300A-P	S370A-P	S450A-P	S600A-P
Antenna 	3M C-BAND	3.7M C-BAND	4.5M C-BAND	6M C-BAND
Frequency	3.4 ~ 4.2 GHz	3.4 ~ 4.2 GHz	3.4 ~ 4.2 GHz	3.4 ~ 4.2 GHz
VSWR	1.3:1	1.3:1	1.25:1	1.25:1
Insertion Loss	0.25 dB	0.25 dB	0.25 dB	0.25 dB
Feed Interface	WR229F	WR229F	WR229F	WR229F
Polarization Isolation	35dB	35dB	35dB	35dB
-3dB Beamwidth	1.77°	1.44°	1.137°	0.877°
First Sidelobe	≤ -14 dB	≤ -14 dB	≤ -14 dB	≤ -14 dB
Gain	39.33dB (F = 3.8 GHz)	41.15dB (F = 3.8 GHz)	43.19dB (F = 3.8 GHz)	45.35dB (F = 3.8 GHz)
Noise Temperature	34°K@10°	35°K@10°	35°K@10°	35°K@10°
Antenna Optics	Prime-focus	Prime-focus	Prime-focus	Prime-focus
Elevation Adjustment	0° ~ 90°	10° ~ 90°	0° ~ 90°	0° ~ 90°
Azimuth Adjustment	0° ~ 360° Continuous fine adjustment	Manual 0° ~ 360° continuous fine adjustment Motorized ± 85° continuous adjustment (Detach into three grade)		
Wind Loading <i>Fixed heavenward</i>	125mph / 200kmph Survival			
Operation Temperature	-45°C ~ 60°C			
Relative Humidity	0% ~ 100%			
Seismic Capacity	0.3G's horizontal 0.15G's vertical			
Weight	170 kg	289 kg	780 kg	1995 kg

* Other diameter on request

Specifications subject to change without notice.

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