

4.2, 4.5 & 5.0 Meter Prime Focus Receive Only Antennas



Your Trusted Source for Satellite Equipment

- **Prime Focus Aluminum Reflectors**
- **Reflector Sizes:**
 - 4.2 Meter**
 - 4.5 Meter**
 - 5.0 Meter**
- **Superior Surface Accuracy**
- **Mount Options:**
 - **Fixed Az/EI Mount**
 - **Heavy Duty Polar Mount**
 - **Dual Axis Motorized Mount**
 - **Horizon to Horizon Mount (160° travel)**

ELECTRICAL SPECIFICATIONS						
	4.2 Meter		4.5 Meter		5.0 Meter	
	C-Band	Ku-Band	C-Band	Ku-Band	C-Band	Ku-Band
Operating Frequency (GHz)	3.7 – 4.2	10.95 – 12.75	3.7 – 4.2	10.95 – 12.75	3.7 – 4.2	10.95 – 12.75
Midband Gain (± .5dB)	43.5 dBi	53.0 dBi	43.9 dBi	53.3 dBi	44.3 dBi	54.2 dBi
3dB Beamwidth	1.2°	0.4°	1.1°	0.35°	1.05°	0.33°
Feed Interface	CPR-229F	WR-75	CPR-229F	WR-75	CPR-229F	WR-75
MECHANICAL SPECIFICATIONS						
Reflector Material	Aluminum - 1 Piece (8-Piece Reflector Option Available)					
Antenna Optics	Prime Focus, Axisymmetric					
Mast Pipe Size	5 1/2" OD		NA		NA	
f/D Ratio / Focal Length	0.34 / 57.6"		0.33 / 57.6"		0.3 / 57.6"	
Az EI Mount	Fixed Az/EI Adjustment					
Dual Axis Mount (motorized or fixed)	200° of Azimuth Travel, 0 – 90° Elevation Travel					
Polar Mount	110° of Travel, Locking Bar Option					
Horizon to Horizon	160° of Travel, Motorized Declination Available					
ENVIRONMENTAL SPECIFICATIONS						
Wind Load						
Survival	125 mph (201 km/h)					
Operational @ 4 GHz	65 mph (105 km/h)					
Operational @ 12 GHz	55 mph (88 km/h)					

RECEIVE-ONLY_420-450-500_PF_REV004
 Specifications are subject to change without notice

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