

3.0, 3.7 & 3.8 Meter Prime Focus Receive Only Antennas



Your Trusted Source for Satellite Equipment



- **Prime Focus Aluminium Reflectors**
- **Reflector Sizes:**
 - 3.0 Meter**
 - 3.7 Meter**
 - 3.8 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 | | | | | | |
|--------------------------------------|---|---------------|------------|---------------|-------------|---------------|
| | 3.0 Meter | | 3.7 Meter | | 3.8 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 (\pm .5dB) | 40.6 dBi | 49.9 dBi | 42.3 dBi | 51.1 dBi | 42.5 dBi | 51.8 dBi |
| 3dB Beamwidth | 1.7° | 0.53° | 1.4° | 0.48° | 1.4° | 0.48° |
| Feed Interface | CPR-229F | WR-75 | CPR-229F | WR-75 | CPR-229F | WR-75 |
| MECHANICAL SPECIFICATIONS | | | | | | |
| Reflector Material | Aluminum - 1 Piece (4-Piece Reflector Option Available) | | | | | |
| Antenna Optics | Prime Focus, Axisymmetric | | | | | |
| Mast Pipe Size | 5 1/2" OD | | | | | |
| F/D Ratio / Focal Length | .3 / 36" | | .4 / 57.6" | | .38 / 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 | 75 mph (120 km/h) | | | | | |
| Operational @ 12 GHz | 60 mph (96 km/h) | | | | | |

RECEIVE-ONLY_300-370-380_PF_REV004
 Specifications are subject to change without notice

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