

3.7m DH

Parabolic Antenna



Antenna

C Band Gain @ GHZ	42.5 db
Ku-Band Gain @ 12 GHZ	51.8 db
Beamwidth -3° db 4 GHZ	1.4 °
Beamwidth -3° db 12 GHZ	1.4 °
Isolation Port-Port db	

3.7 Meter

Antenna Characteristics

Physical Weight Raw	215#
Size Pre-Spun	152"
Size Post-Spun	148
Depth	23
Area	121 sq ft
Focal Length - F/O	57.6 11/.4°
Wind Load Survival	125 mph
Operational @ 4 GHZ	75 mph
Operational @ 12 GHZ	60 mph

Features (Motorized Antenna)

- New dual idlers to maximize travel efficiency
- 36 volt DC motors
- Pulse sensors - reed & hall effect
- Stainless steel hardware
- New idler sprockets - to improve movement & decrease maintenance
- 60" back ring
- 36" bearing hub
- Space age oil impregnated bearing surface
- 0 - 90 degree elevation
- 200+ degree azimuth travel
- 16" reinforced base
- Quad feed struts w/collar
- AZ/EL lock downs for severe weather
- Heavy duty gear box - to chain drive