

DH Satellite

"The" Antenna Manufacturer featuring
solid spun aluminum antennas

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3.7m-5m

Radiation Pattern for 16' Dish

3.7 M 12'

- Weight: 164 #
- Thickness: .090
- F/D Ratio: .4
- KU Gain @ 12 Ghz. @ 65%: 51.1 db
- 1st Sidelobe: .8°
- 3 db Beamwidth: 1.4°
- Wind Force @ 60° @ 90 MPH: 4200 lbs.
- C Band Gain @ 4 Ghz.: 42.3 db

4.2 M 14'

- Weight: 274 #
- Thickness: .125
- F/D Ratio: .34
- C Band Gain @ 4 Ghz. @ 65%: 43.5 db
- 1st Sidelobe: 2.1°
- 3 db Beamwidth: 1.2°

- KU Gain @ 12 Ghz.: 53.0 db
- Wind Force @ 60° @ 90 MPH: 5975 lbs.

5.0 M 16'4"

- C Band Measured Gain @ 4 Ghz: 44.3 db
- Weight: 358
- Area: 201 sq. ft.
- Material: 3003
- F/D Ratio: .3
- Wind Force @ 60° @ 90 MPH: 7800 #
- KU Measured gain @ 12 Ghz.: 54.2 db
- Antenna Noise at >>45° look angle = 20°/K
- Beamwidth (3.0 db)
- 0.9 degrees (E-plane)
- 0.95 degrees (H-plane)
- Beamwidth (10.0 db)
- 1.7 degrees (E-plane)
- 1.8 degrees (H-plane)
- Sidelobe = 1.1 degrees (E-plane)
- All Sidelobes > -22 db
- Antenna Gain, 2.0 degrees off axis = 23 db

3.8 M 12'3"

- Weight: 215 #
- Thickness: .125
- F/D Ratio: .378
- KU Gain @ 12 Ghz. @ 65%: 51.8 db
- 1st Sidelobe: 2.3°
- 3 db Beamwidth: 1.4°
- Wind Force @ 60° @ 100 MPH: 4911.50 lbs.
- C Band Gain @ 4 Ghz @ 65%: 42.5 db

4.5 M 14'9"

- Weight: 304 #
- Thickness: .125
- F/D Ratio: .33
- C Band Gain @ 4 Ghz.: 43.9 db
- KU Gain @ 12 Ghz: 53.3 db
- 1st Sidelobe: 1.95°
- 3db Beamwidth: 1.2°
- Wind Force @ 60° @ 90 MPH: 6600 lbs.

Location

600N Marquette Rd
Prairie du Chien, WI

Phone Number

(608) 326-8406

Our Sister Companies

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