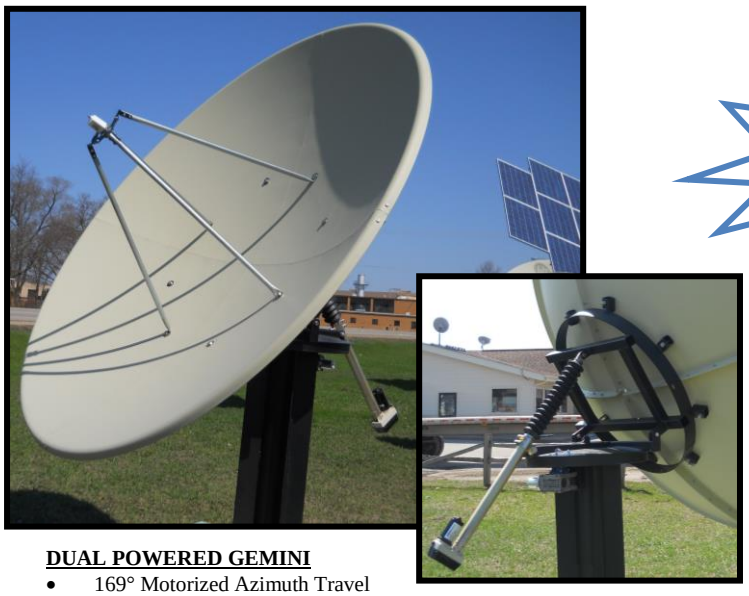
# The "DH Gemini Mount" Series

**Fixed or Dual Powered Available**

**2.4m, 2.7m & 3.0m one piece or sectional antenna spec**



**DUAL POWERED GEMINI**

- 169° Motorized Azimuth Travel
- 36 Volt DC Motors


**GEMINI MOUNT SERIES**

- 5 1/2" Reinforced Base
- 39" & 48" Back Ring
- 18"x18"x1/2" Base Plate

| Specifications | 2.4m | 2.7m | 3.0m |
|---|---|---|---|
| Back Ring Size | 39" | 39" | 48" |
| C Band Gain @ 4 Gig | 38.6 db | 39.6 db | 40.6 db |
| Ku Band Gain @ 12 Gig | 48.2 db | 49.2 db | 49.9 db |
| Aluminum Thickness | .085 | .085 | .085 |
| f/d Ratio | .375 | .33 | .3 |
| Wind Force at 60° at 90 MPH | 1,900 lbs | 2,490 lbs | 3,020 lbs |
| First Side Lobe (E-Plane) | 1.2° | 1.2° | 1.2° |
| All Side Lobes | -26 db | -26 db | -26 db |
| 3db Beam Width (E-Plane) | 0.5° | 0.5° | 0.5° |
| F/L | 36" | 36" | 36" |
| Antenna Weight (One Piece) | 60 lbs | 82 lbs | 102 lbs |
| Antenna Weight (Sectional) | 71 lbs | 94 lbs | 110 lbs |
| Crate Dims w/Antenna<br>Crate Weight w/Antenna | 51"x29"x53"<br>166 lbs | 58"x30"x60"<br>188 lbs | 62"x40"x66"<br>254 lbs |
| Fixed Gemini Mount Weight<br>DP Gemini Mount Weight | 264 lbs<br>364 lbs | 264 lbs<br>364 lbs | 284 lbs<br>384 lbs |
| Pallet Dims w/ Fixed Gemini Mt<br>Pallet Weight w/ Fixed Gemini Mt | 41"x56"x33"<br>356 lbs | 41"x56"x33"<br>356 lbs | 50"x56"x35"<br>366 lbs |
| Pallet Dims w/DP Gemini Mt<br>Pallet Weight w/DP Gemini Mt | 41"x56"x33"<br>456 lbs | 41"x56"x33"<br>456 lbs | 50"x56"x35"<br>466 lbs |

***Antenna sizes are nominal. *Custom crating available.*Dimensions & weights are approximate.**

Designed with 8 precision cut templates as ribs.

**With today's innovative technology, DH is able to take our larger; one piece, spun aluminum antenna and cut them into sections. This allows for ease of handling, installation and shipping.**

Made In The USA

**OPTIONAL:**

- Back Braces
- Hot Dip Galvanizing
- Non-Penetrating Roof Mount
- Electronics, Feedhorns, LNBS, Filters & Cabling
- Half/Full Dish De-icing
- Template Kits

DH Satellite

**600 N. Marquette Rd.**
**Prairie du Chien, WI 53821**
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Crating available for domestic or ISPM 15 international

**Ph (608)-326-8406** **1-800-627-9443** **Fx (608)-326-4233**

**Satellite**
600 N Marquette Rd.
Prairie du Chien, WI 53821
PH: 1-608-326-8406

# DH Test Data for a 2.4M 4PC Sectional Antenna With 1107 HA LNB

**Tested with A1 Turbo S2**

## Proof of Performance

Filename: 24NO1107HA.91H
Date: 04/24/2013
Time: 09:03:38
Location:
Technician:
Notes:
Level: dBm

FieldGuide: North American V 2.05
Software: 1.23
Model: TURBO S2
Serial: 1674529
LNB Model: LO=10.75 11.7-12.2
Region: NE Continental US
Switch: None

### Satellite: 91.0 West / G17

| Tran | Freq MHz | Error MHz | Level dbm | IRD SiqQ | C/N db | Lock Status | LNB Volts | LNB mA |
|---|---|---|---|---|---|---|---|---|
| 5 | 1050.072 | -0.146 | -24.5 | 97 | 13.8 | LOCK | 17.9 | 160 |

## Proof of Performance

Filename: 24NO1107HA.99H
Date: 04/24/2013
Time: 09:03:38
Location:
Technician:
Notes:
Level: dBm

FieldGuide: North American V 2.05
Software: 1.23
Model: TURBO S2
Serial: 1674529
LNB Model: LO=10.75 11.7-12.2
Region: NE Continental US
Switch: None

### Satellite: 99.0 West / G16

| Tran | Freq MHz | Error MHz | Level dbm | IRD SiqQ | C/N db | Lock Status | LNB Volts | LNB mA |
|---|---|---|---|---|---|---|---|---|
| B2A1 | 957.540 | -0.105 | -29.5 | 100 | 17.6 | LOCK | 17.9 | 160 |
| B2B1 | 971.036 | -0.107 | -33.0 | 89 | 11.7 | LOCK | 18.1 | 160 |
| 5 | 1050.088 | -0.146 | -28.3 | 97 | 13.9 | LOCK | 17.9 | 160 |
| 17K | 1281.872 | 0.000 | -30.2 | . | 0.0 | Unlock | 17.9 | 160 |

## Proof of Performance

Filename: 24NO1107HA.123V
Date: 04/24/2013
Time: 09:03:38
Location:
Technician:
Notes:
Level: dBm

FieldGuide: North American V 2.05
Software: 1.23
Model: TURBO S2
Serial: 1674529
LNB Model: LO=10.75 11.7-12.2
Region: NE Continental US
Switch: None

### Satellite: 123.0 West / G18

| Tran | Freq MHz | Error MHz | Level dbm | IRD SiqQ | C/N db | Lock Status | LNB Volts | LNB mA |
|---|---|---|---|---|---|---|---|---|
| 2 | 981.088 | -0.146 | -27.2 | 100 | 16.3 | LOCK | 17.9 | 160 |
| 18 | 1255.700 | -0.085 | -28.3 | 100 | 16.5 | LOCK | 18.1 | 160 |