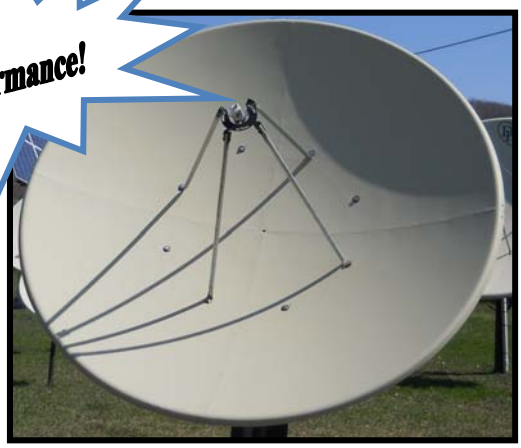
The DH Sectional Antenna With Gemini Series Mount

Fixed or Dual Powered Available

The same antenna you have used for years now available in 4 pieces.



DUAL POWERED GEMINI

- 200°+ Motorized Azimuth Travel
- 36 Volt DC Motors

GEMINI SERIES MOUNT

- 5 1/2" Reinforced Base
- 39" & 48" Back Ring

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
Thickness	.080	.090	.090
f/d Ratio	.375	.33	.3
Wind Force at 60°F at 100 MPH	2,400 lbs	3,050 lbs	3,020 lbs
First Side Lobe	1.2° (E-plane)	1.2° (E-plane)	1.2° (E-plane)
All Side Lobes	-26 db	-26 db	-26 db
3db Beam Width	0.5° (E-plane)	0.5° (E-plane)	0.5° (E-plane)
F/L	36"	36"	36"
Antenna Weight	71 lbs	94 lbs	110 lbs
Crate Weight w/Antenna Crate Dims w/Antenna	166 lbs 51"x29"x53"	188 lbs 58"x30"x60"	254 lbs 62"x40"x66"
Fixed Gemini Mt Weight DP Gemini Mt Weight	264 lbs 364 lbs	264 lbs 364 lbs	284 lbs 384 lbs
Pallet Weight w/ Fixed Gemini Mt Pallet Dims w/ Fixed Gemini Mt	356 lbs 41"x56"x33"	356 lbs 41"x56"x33"	366 lbs 50"x56"x35"
Pallet Weight w/DP Gemini Mt Pallet Dims w/DP Gemini Mt	456 lbs 41"x56"x33"	456 lbs 41"x56"x33"	466 lbs 50"x56"x35"

***Each antenna system will have 1 open crate and 1 pallet for shipping.**
***Dimensions & weights are approximate.**

Designed with 8 precision cut templates as ribs.

A computer controlled machine is used to manufacture the ribs allowing them to have the exact parabolic curve of the antenna. The 8 generated ribs, also referred to as templates, are secured to the antenna prior to cutting the antenna into 4 sections. The templates allow for the antenna to be re-assembled and perform as a 1pc. Extensive testing has been done on this system and our data **shows no difference** from a 1pc to the 4pc. Templates hold the antenna in shape so you are assured of a **perfect antenna** each time.

Crating available for domestic or international shipping.

OPTIONAL:

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

DH Satellite

600 N. Marquette Rd.
Prairie du Chien, WI 53821
dhsat@mhtc.net www.dhsatellite.com

(608)-326-8406 **1-800-627-9443** **Fax (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