

DH Gibraltar II Series Mount

Motorized Az-EI

3.0m, 3.7m and 3.8m one piece or sectional antenna spec



Specifications	3.0m	3.7m	3.8m
Antenna Sections	4	4	4
C Band Gain @ 4 Gig	40.6 db	42.3 db	42.5 db
Ku Band Gain @ 12 Gig	49.9 db	51.1 db	51.8 db
Aluminum Thickness	.085	.085	.090
f/d Ratio	.3	.4	.378
Wind Force at 60° at 90 MPH	3,020 lbs	4,200 lbs	4,600 lbs
First Side Lobe (E-Plane)	1.2°	2.4°	2.3°
All Side Lobes	-26 db	-22 db	-22 db
3db Beam Width (E-Plane)	0.5°	1.4°	1.4°
F/L	36"	57.6"	57.6"
Antenna Weight (One Piece)	102 lbs	153 lbs	160 lbs
Antenna Weight (Sectional)	110 lbs	165 lbs	175 lbs
Mount Weight	312 lbs	312 lbs	312 lbs

GIBRALTER II MOUNT FEATURES

- 36 Volt DC Motors
- Pulse Sensors- Reed & Hall Effect
- Space Age Oil Impregnated Bearing Surface
- 169°+ Motorized Azimuth Travel
- 5 1/2" Base Can
- Heavy Duty Gear Box- Chain Drive
- RC2000A Controller
- For DH Base Stand or On Site Post

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



*Antenna sizes are nominal. *Custom crating available. *Weights are approximate.

OPTIONAL:

- Hot Dip Galvanizing
- Heavy Duty Feed Assembly for 4 Port Feeds
- 60" Feed Strut Drilling Pattern
- Snow Cover
- Half/Full Dish De-icing
- Base can to fit 6 5/8" Post
- 5 1/2" or 6 5/8" Base Stand
- Electronics, Feed Horns, LNB's & Filters



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Crating available for domestic or ISPM 15 international

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Testing of the 3.7m 4 piece sectional antenna

Proof of Performance

Filename : 3.7M.NOR3220.133W.H	FieldGuide: North American V 2.10
Date: 10/03/2013	Software: 1.24
Time: 07:17:16	Model: TURBO S2
Location: FRAN	Serial: 1674529
Technician:	LNB Model: LO=5.15 3.4-4.2
Notes:	Region: NE Continental US
Level: dBm	Switch: None

Satellite: 133.0 West / G15

Tran	Dnlink MHz	Freq MHz	Error MHz	Pol	Mod Type	Code Rate	Symbol Rate	Level dbm	IRD SiqQ	C/N db	Eb/No dB	Es/No dB	Lock Status	LNB Volts	LNB mA
1 ID	3720.088	1429.912	-0.011	H	Dvb-S	5/6	29270	-29.0	100	16.4	15.9	17.7	LOCK	17.9	210
11A1	4000.056	1149.944	-0.008	H	DvbS2	8-5/6	30000	-28.1	100	15.7	15.2	17.0	LOCK	17.9	210
D2A1	3790.180	1359.820	-0.039	H	Dvb-S	3/4	11936	-32.1	97	14.1	13.6	15.4	LOCK	17.9	210
H2A1	3808.072	1341.928	-0.006	H	DvbS2	8-3/4	16303	-33.4	100	15.5	15.0	16.8	LOCK	17.9	210
E2A1	3880.052	1269.948	-0.022	H	DvbS2	8-3/4	29999	-31.9	100	15.3	14.8	16.6	LOCK	17.9	210
B2B1	4120.044	1029.956	-0.017	H	DvbS2	8-3/4	31250	-28.6	98	14.5	14.0	15.8	LOCK	17.9	210
3	3760.084	1389.916	0.014	H	DC2	3/4	19510	-27.6	100	17.9	17.4	19.2	LOCK	17.9	210
G3A1	4044.512	1105.488	-0.052	H	DvbS2	8-5/6	22500	-31.6	99	15.0	14.5	16.3	LOCK	17.9	210
7	3840.080	1309.920	0.015	H	DC2	3/4	29270	-27.4	100	16.2	15.7	17.5	LOCK	17.9	210
13	3960.076	1189.924	0.015	H	DC2	3/4	19510	-26.2	100	17.0	16.5	18.3	LOCK	17.9	210
17	4025.324	1124.676	0.015	H	DC2	3/4	4878	-33.2	100	15.3	14.8	16.6	LOCK	17.9	210
19	4080.044	1069.956	-0.021	H	DvbS2	8-5/6	30000	-28.1	100	15.4	14.9	16.7	LOCK	17.9	210
23	4160.068	989.932	0.015	H	DC2	7/8	29270	-22.7	100	17.0	16.5	18.3	LOCK	17.9	210

Testing of the 3.8m 4 piece sectional antenna

Proof of Performance

Filename : 91W.NOR.3220H	FieldGuide: North American V 2.10
Date: 10/03/2013	Software: 1.24
Time: 05:22:10	Mode: TURBO S2
Location: FRAN	Serial: 1674529
Technician:	LNB Model: LO=5.15 3.4-4.2
Notes:	Region: NE Continental US
Level: dBm	Switch: None

Satellite: 91.0 West / G17

Tran	Dnlink MHz	Freq MHz	Error MHz	Pol	Mod Type	Code Rate	Symbol Rate	Level dbm	IRD SiqQ	C/N db	Eb/No dB	Es/No dB	Lock Status	LNB Volts	LNB mA
B2A1	3769.072	1380.928	-0.006	H	DvbS2	8-5/6	14400	-33.7	100	15.7	15.2	17.0	LOCK	17.9	210
B2B1	3800.072	1349.928	-0.007	H	DvbS2	8-3/4	31250	-28.9	99	15.2	14.7	16.5	LOCK	17.9	210
B2C1	3888.044	1261.956	-0.023	H	DvbS2	8-5/6	19750	-31.6	99	14.9	14.4	16.2	LOCK	17.9	210
B2E1	4080.040	1069.960	-0.021	H	DvbS2	8-3/4	30000	-30.3	96	13.5	13.0	14.8	LOCK	17.9	210
B2F1	4133.656	1016.344	-0.015	H	DvbS2	8-5/6	6960	-32.4	96	13.3	12.8	14.6	LOCK	17.9	210
B2G1	4160.040	989.960	-0.016	H	DvbS2	8-3/4	31250	-27.8	99	14.9	14.4	16.2	LOCK	17.9	210
E3B1 ID	3720.056	1429.944	-0.026	H	DvbS2	8-3/5	28799	-32.3	100	18.2	17.7	19.5	LOCK	17.9	210
3	3751.072	1398.928	-0.007	H	DvbS2	8-5/6	14410	-33.5	100	15.7	15.2	17.0	LOCK	17.9	210
E3A1	3920.048	1229.952	-0.022	H	DvbS2	8-3/4	29999	-28.7	98	14.7	14.2	16.0	LOCK	17.9	210
G3C1	3993.540	1156.460	-0.025	H	DvbS2	8-5/6	19167	-31.6	98	14.4	13.9	15.7	LOCK	17.9	210
7	3840.084	1309.916	0.014	H	Dvb-S	7/8	29270	-25.3	101	15.8	15.3	17.1	LOCK	17.9	210
13	3960.076	1189.924	0.015	H	DC2	7/8	29270	-23.7	97	14.1	13.6	15.4	LOCK	17.9	210
17	4013.572	1136.428	0.014	H	Dvb-S	1/2	6620	-31.4	95	13.1	12.6	14.4	LOCK	17.9	210
17	4040.056	1109.944	-0.007	H	DvbS2	8-3/4	31247	-28.4	97	13.8	13.3	15.1	LOCK	17.9	210
21	4115.692	1034.308	0.015	H	DC2	3/4	19510	-25.5	100	15.7	15.2	17.0	LOCK	17.9	210