

DH 60" Heavy Duty Fixed Az-El Mount

Available in 3.0m, 3.7m, 3.8m, 4.2m and 4.5m one piece or sectional antenna
RX Spun Aluminum Antenna Options

Be 5G Ready
in 2023!

Performance!



Specifications	3.0m	3.7m	3.8m	4.2m	4.5m
Antenna Sections	4	4/Optional 8	4	8	8
C Band Gain @ 4 Gig	40.6 db	42.3 db	42.5 db	43.5 db	43.9 db
Ku Band Gain @ 12 Gig	49.9 db	51.1 db	51.8 db	53.0 db	53.3 db
Aluminum Thickness	.085	.085	.090	.110	.110
f/d Ratio	.3	.4	.378	.34	.33
Wind Force at 60° at 90 MPH	3,020 lbs	4,200 lbs	4,600 lbs	5,975 lbs	6,600 lbs
First Side Lobe (E-Plane)	1.2°	2.4°	2.3°	2.1°	1.95°
All Side Lobes	-26 db	-22 db	-22 db	-22 db	-22 db
3db Beam Width (E-Plane)	0.5°	1.4°	1.4°	1.2°	1.2°
F/L	36"	57.6"	57.6"	57.6"	57.6"
Antenna Weight (One Piece)	102 lbs	180 lbs	198 lbs	241 lbs	277 lbs
Antenna Weight (Sectional)	110 lbs	4pc-165 lbs/ 8 pc-192 lbs	214 lbs	281 lbs	317 lbs
Crate Dims w/Antenna Approximate Weight	62"x40"x66" 254 lbs	76"x36"x78" 4 pc-348 lbs 77"x47"x58" 8 pc-500 lbs	79"x36"x81" 464 lbs	91"x38"x64" 544 lbs	92"x54"x67" 688 lbs
Mount Weight	272 lbs	272 lbs	272 lbs	272 lbs	272 lbs
Pallet Dims w/Mount Approximate Weight	64"x64"x27" 320 lbs	64"x64"x27" 320 lbs	64"x64"x27" 320 lbs	64"x64"x27" 320 lbs	64"x64"x27" 320 lbs

Sectional Antenna Rib Specifications

3.0m, 3.7m, 3.8m: 8 Ribs
4.2m and 4.5m: 16 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



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

OPTIONAL:

- Hot Dip Galvanizing
- Non-Penetrating Roof Mount
- Electronics, Feedhorns, LNBS, Cabling,, 5G filters
- Half/Full Dish De-icing

60" Az-El Mount Features

- 60" Ring with 16 blocks
- 10 to 80° Elevation adjustment
- 360° Manual azimuth travel
- 5 1/2" od mast
- 8 Back Braces
- 4 Struts



Satellite

600 N. Marquette Rd.

Prairie du Chien, WI 53821

dhsat@mhtc.net Ph (608)-326-8406

Crating available for domestic or ISPM 15 international

1-800-627-9443

www.DHSatellite.com

Fx (608)-326-4233



Satellite

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

DH Test Data

Tested with A1 Turbo S2

103
3220
4.2m
DH Ant

Proof of Performance

Filename : 42NO3220.103H
Date: 09/05/2012
Time: 16:51:39
Location:
Technician:
Notes:
Level: dBm

FieldGuide: North American V 1.99
Software: 1.19
Model: TURBO S2
Serial: 1674529
LNB Model: LO=5.150 3.4-4.2
Region: NE Continental US
Switch: None

Satellite: 103.0 West / AMC1

Tran	Dnlink MHz	Freq MHz	Error MHz	Mod	Code	Symbol Rate	Level	IRD	CIN	Eb/No	Es/No	dB	Lock	LNB	LNB
B2A1	3760.040	1389.960	-0.035	Err	Dvb-S2	8-3/4	29999	-28.9	99	15.0	14.5	16.3	LOCK	17.9	210
5 ID	3800.080	1349.920	-0.010	Err	DC2	7/8	29270	-27.1	99	14.9	14.4	16.2	LOCK	17.9	210
7	3840.000	1310.000	-0.086	Err	Dvb-S	3/4	26881	-27.4	100	15.5	15.0	16.8	LOCK	17.9	210
7	3840.080	1309.920	0.015	Err	Dvb-S	3/4	26881	-27.3	100	15.5	15.0	16.8	LOCK	17.9	210
10	3906.576	1243.424	0.014	Err	Dvb-S	3/4	6510	-32.2	96	13.4	12.9	14.7	LOCK	17.9	210
11	3915.072	1234.928	0.015	Err	Dvb-S	2/3	4410	-32.6	96	13.5	13.0	14.8	LOCK	17.9	210
10	3920.224	1229.776	0.014	Err	Dvb-S	5/6	3140	-34.3	91	12.0	11.5	13.3	LOCK	17.9	210
10	3924.224	1225.776	-0.010	Err	Dvb-S	5/6	2734	-35.3	95	12.7	12.2	14.0	LOCK	17.9	210
B2B1	3927.508	1222.492	-0.059	Err	Dvb-S2	Q-3/4	2450	-40.3	95	12.8	12.3	14.1	LOCK	17.9	210
K1A1	3960.052	1189.948	-0.007	Err	Dvb-S2	8-5/6	30000	-27.7	99	15.0	14.5	16.3	LOCK	17.9	210
15	4040.068	1109.932	0.015	Err	Dvb-S	3/4	26881	-25.4	101	15.9	15.4	17.2	LOCK	17.9	210
17	4040.000	1110.000	-0.073	Err	Dvb-S	3/4	26881	-25.3	101	15.8	15.3	17.1	LOCK	17.9	210
G1A1	4073.568	1076.432	0.000	Err	Dvb-S	3/4	3000	-33.1	0	0.0	0.0	0.0	Unlock	17.9	210
19	4081.088	1069.932	0.015	Err	Dvb-S	3/4	7230	-31.6	97	13.9	13.4	15.2	LOCK	17.9	210
B	4089.952	1060.048	-0.006	Err	Dvb-S2	8-2/3	5623	-33.7	100	15.3	14.8	16.6	LOCK	17.9	210
21	4120.000	1030.000	-0.056	Err	Dvb-S2	8-3/4	30000	-26.8	99	14.9	14.4	16.2	LOCK	17.9	210
21	4120.044	1029.956	-0.013	Err	Dvb-S2	8-3/4	30000	-26.7	99	14.9	14.4	16.2	LOCK	17.9	210

Proof of Performance

Filename : 42NO3220.103V
Date: 09/05/2012
Time: 16:51:39
Location:
Technician:
Notes:
Level: dBm

FieldGuide: North American V 1.99
Software: 1.19
Model: TURBO S2
Serial: 1674529
LNB Model: LO=5.150 3.4-4.2
Region: NE Continental US
Switch: None

Satellite: 103.0 West / AMC1

Tran	Dnlink MHz	Freq MHz	Error MHz	Mod	Code	Symbol Rate	Level	IRD	CIN	Eb/No	Es/No	dB	Lock	LNB	LNB
2	3740.000	1410.000	-0.097	Err	Dvb-S	7/8	29270	-26.2	98	14.5	14.0	15.8	LOCK	17.9	210
2	3740.088	1409.912	0.015	Err	Dvb-S	7/8	29270	-26.2	98	14.5	14.0	15.8	LOCK	17.9	210
6	3820.000	1330.000	-0.093	Err	DC2	3/4	29270	-25.5	100	17.4	16.9	18.7	LOCK	17.9	210
6 ID	3820.084	1329.916	0.014	Err	DC2	3/4	29270	-25.3	100	17.3	16.8	18.6	LOCK	17.9	210
8	3860.068	1289.932	-0.004	Err	Dvb-S2	8-5/6	30000	-27.9	100	15.4	14.9	16.7	LOCK	17.9	210
B2D1	3891.044	1258.956	-0.029	Err	Dvb-S2	8-2/3	9092	-34.8	100	15.5	15.0	16.8	LOCK	17.9	210
B2E1	3913.544	1236.456	0.000	Err	Dvb-S	6/400	6400	-45.6	0.0	0.0	0.0	0.0	Unlock	17.9	210
12	3940.076	1209.924	-0.010	Err	DC2	7/8	29270	-25.0	100	15.6	15.1	16.9	LOCK	17.9	210
13	3980.076	1169.924	0.015	Err	Dvb-S	7/8	26866	-24.9	100	17.3	16.8	18.6	LOCK	17.9	210
18	4060.072	1089.928	0.000	Err	DC2	3/4	29270	-35.6	0.0	0.0	0.0	0.0	Unlock	17.9	210
20	4091.068	1058.932	0.015	Err	Dvb-S	3/4	14035	-29.9	98	14.4	13.9	15.7	LOCK	17.9	210
B2I1	4109.044	1040.956	-0.032	Err	Dvb-S	3/4	14029	-31.3	96	13.5	13.0	14.8	LOCK	17.9	210
24	4196.064	953.936	0.014	Err	Dvb-S	2/3	2894	-34.0	100	16.8	16.3	18.1	LOCK	17.9	210

103
3220
4.5m
DH Ant

Proof of Performance

Filename : 453D0.103VMD
Date: 09/07/2012
Time: 13:45:06
Location:
Technician:
Notes:
Level: dBm

FieldGuide: North American V 1.99
Software: 1.19
Model: TURBO S2
Serial: 1674529
LNB Model: LO=5.150 3.4-4.2
Region: NE Continental US
Switch: None

Satellite: 103.0 West / AMC1

Tran	Dnlink MHz	Freq MHz	Error MHz	Mod	Code	Symbol Rate	Level	IRD	CIN	Eb/No	Es/No	dB	Lock	LNB	LNB
B2A1	3760.040	1389.960	-0.037	Err	Dvb-S2	8-3/4	29999	-28.1	101	15.8	15.3	17.1	LOCK	17.9	210
5 ID	3800.080	1349.920	-0.011	Err	DC2	7/8	29270	-26.1	100	15.5	15.0	16.8	LOCK	17.9	210
7	3840.000	1310.000	-0.087	Err	Dvb-S	3/4	26881	-26.0	100	16.6	16.1	17.9	LOCK	17.9	210
7	3840.080	1309.920	0.014	Err	Dvb-S	3/4	26881	-26.0	100	16.7	16.2	18.0	LOCK	17.9	210
10	3906.576	1243.424	0.015	Err	Dvb-S	3/4	6510	-30.7	97	14.0	13.5	15.3	LOCK	17.9	210
11	3915.072	1234.928	0.014	Err	Dvb-S	2/3	4410	-31.6	96	13.4	12.9	14.7	LOCK	17.9	210
10	3920.224	1229.776	0.015	Err	Dvb-S	5/6	3140	-33.0	94	12.6	12.1	13.9	LOCK	17.9	210
10	3924.224	1225.776	-0.011	Err	Dvb-S	5/6	2734	-33.6	96	13.6	13.1	14.9	LOCK	17.9	210
B2B1	3927.508	1222.492	-0.061	Err	Dvb-S2	Q-3/4	2450	-39.1	97	14.0	13.5	15.3	LOCK	17.9	210
K1A1	3960.052	1189.948	-0.013	Err	Dvb-S2	8-5/6	30000	-27.4	100	15.5	15.0	16.8	LOCK	17.9	210
15	4040.068	1109.932	0.014	Err	Dvb-S	3/4	26881	-24.3	100	16.8	16.3	18.1	LOCK	17.9	210
17	4040.000	1110.000	-0.075	Err	Dvb-S	3/4	26881	-24.3	100	16.8	16.3	18.1	LOCK	17.9	210
G1A1	4073.568	1076.432	0.000	Err	Dvb-S	3/4	3000	-38.1	0	0.0	0.0	0.0	Unlock	17.9	210
19	4081.088	1069.932	0.014	Err	Dvb-S	3/4	7230	-31.4	98	14.4	13.9	15.7	LOCK	17.9	210
B	4089.952	1060.048	-0.007	Err	Dvb-S2	8-2/3	5623	-33.3	99	15.2	14.7	16.5	LOCK	17.9	210
21	4120.000	1030.000	-0.057	Err	Dvb-S2	8-3/4	30000	-25.6	100	15.6	15.1	16.9	LOCK	17.9	210
21	4120.044	1029.956	-0.012	Err	Dvb-S2	8-3/4	30000	-25.6	100	15.7	15.2	17.0	LOCK	17.9	210

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2	3740.000	1410.000	-0.100	Err	Dvb-S	7/8	29270	-25.4	97	14.1	13.6	15.4	LOCK	17.9	210
2	3740.088	1409.912	-0.012	Err	Dvb-S	7/8	29270	-25.5	97	14.1	13.6	15.4	LOCK	17.9	210
6	3820.000	1330.000	-0.095	Err	DC2	3/4	29270	-24.8	100	17.6	17.1	18.9	LOCK	17.9	210
6 ID	3820.084	1329.916	-0.012	Err	DC2	3/4	29270	-24.9	100	17.6	17.1	18.9	LOCK	17.9	210
8	3860.068	1289.932	-0.013	Err	Dvb-S2	8-5/6	30000	-27.9	100	15.7	15.2	17.0	LOCK	17.9	210
B2D1	3891.044	1258.956	-0.031	Err	Dvb-S2	8-2/3	9092	-34.6	100	16.4	15.9	17.7	LOCK	17.9	210
B2E1	3913.544	1236.456	0.000	Err	Dvb-S	6/400	6400	-33.6	0.0	0.0	0.0	0.0	Unlock	17.9	210
12	3940.076	1209.924	-0.012	Err	DC2	7/8	29270	-24.5	100	15.4	14.9	16.7	LOCK	17.9	210
13	3980.076	1169.924	-0.010	Err	Dvb-S	7/8	26866	-24.1	100	17.7	17.2	19.0	LOCK	17.9	210
18	4060.072	1089.928	0.000	Err	DC2	3/4	29270	-34.8	0.0	0.0	0.0	0.0	Unlock	17.9	210
20	4091.068	1058.932	-0.011	Err	Dvb-S	3/4	14035	-28.6	100	15.7	15.2	17.0	LOCK	17.9	210
B2I1	4109.044	1040.956	0.000	Err	Dvb-S	3/4	14029	-39.3	0.0	0.0	0.0	0.0	Unlock	17.9	210
24	4196.064	953.936	0.014	Err	Dvb-S	2/3	2894	-34.6	100	16.8	16.3	18.1	LOCK	17.9	210