

DH 48" Polar Mount

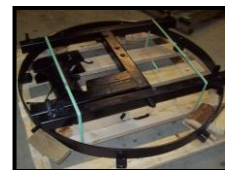
Available in 3.0m, 3.7m and 3.8m one piece or sectional antenna



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

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
Crate Dims w/Antenna	62"x40"x66"	76"x36"x78"	79"x36"x81"
Approximate Weight	254 lbs	348 lbs	464 lbs
Mount Weight	224 lbs	224 lbs	224 lbs
Pallet Dims w/Mount	50"x50"x19"	50"x50"x19"	50"x50"x19"
Approximate Weight	230 lbs	230 lbs	230 lbs



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

48" Polar Mount Features

OPTIONAL:

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

- 48" Ring with 8 blocks
- Bronze Bushings at Pivot Points
- 110° of Travel
- 5 1/2" od mast
- 8 Back Braces
- 4 Struts

Crating available for domestic or ISPM 15 international

Purchased was a DH 3.7m 4 piece antenna and 48" mount. Installation was done on a roof at 25'. The panels are much easier to get to the roof for assembly. Once on the roof it assembled quickly. We used four guys, total of 4 hrs. Antenna was strung and we used our spectrum analyzer for final confirmation. Installation was smooth! KCVU-TV, Ken Rice, Chico CA 95928 (07/18/2012)



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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