



Satellite



Dual Powered Gibraltar

- Motorized Azimuth & Elevation
- 0-90° Motorized Elevation With Adjustment
- 200°+ Motorized Azimuth Travel
- 36 Volt DC Motors
- RCI 2000A Controller
- Available in 3.0m, 3.7m, 3.8m, 4.2m, 4.5m, & 5.0m
- * Approximate Mount Weight 1150 LBS to 1230 LBS

Fixed Gibraltar Az-El

- 360° Manual Azimuth Adjustment
- 2 Stow Bars
- 0-90° Manual Elevation With Adjustment
- Available in 3.0m, 3.7m, 3.8m, 4.2m, 4.5m, & 5.0m
- * Approximate Mount Weight 752 LBS to 800 LBS

Gibraltar Series Features

- 15" Reinforced Base
- 60" Back Ring
- 8 Back Braces
- 24" x 24" x 1/2" Steel Plate
- 194 MPH Wind Load Survival

Gemini Dual Powered Az-El Mount

- 200°+ Motorized Azimuth Travel
- 36 Volt DC Motors
- Heavy Duty Gear Box with Chain Drive
- RCI 2000A Controller
- Available in 2.4m, 2.7m & 3.0m
- * Approximate Mount Weight 364 LBS to 384 LBS

Gemini Fixed Az-El Mount

- 360° Manual Azimuth Adjustment
- 0 to 90° Manual Elevation Adjustment
- 1 Stow Bar
- Available in 2.4m, 2.7m and 3.0m
- * Approximate Mount Weight 264 LBS to 284 LBS

Gemini Series Features

- 5 1/2" Reinforced Base
- 39" & 48" Back Ring
- 18" x 18" x 1/2" Steel Plate

Gibraltar II Mount

- 200°+ Motorized Azimuth Travel
- 1.6-90° Motorized Elevation With Adjustment
- 60° Continuous Travel
- 36 Volt DC Motors
- Heavy Duty Gear Box with Chain Drive
- RCI 2000A Controller
- 5 1/2" OD Mast
- Available in 3.0m, 3.7m & 3.8m
- * Approximate Mount Weight 312 LBS to 320 LBS

Gibraltar II Mount Upgrade Features

- Upgrade Elevation 88° Continuous Travel
- 6 5/8" OD Mast

48" Fixed Az-El Mount

- 0 to 90° Elevation Adjustment
- 360° Manual Azimuth Adjustment
- 5 1/2" OD Mast
- Available in 3.0m, 3.7m, 3.8m, 4.2m & 4.5m
- * Approximate Mount Weight 208 LBS to 215 LBS

48" Standard Polar Mount

- 110° of Travel
- Top and Bottom Frames are Tubes for More Strength
- Can Be Equipped with Locking Bar to Set on One Satellite
- Available in 3.0m, 3.7m, 3.8m 4.2m & 4.5m
- * Approximate Mount Weight 224 LBS to 240 LBS

60" Fixed Az-El Mount

- 10° to 80° Elevation
- 360° Manual Azimuth Travel
- 5 1/2" OD Mast
- Available in 3.0m, 3.7m, 3.8m, 4.2m & 4.5m
- * Approximate Mount Weight 272 LBS to 300 LBS

60" Horizon to Horizon Mount

- 160° of Travel
- Travel Time of 4 min. 49 sec. to cover the 160° arc with 5 amp motor
- 36 volt, 5 amp DC motor on Polar Axis
- Heavy Duty Gearbox with Chain Drive
- Available in 3.0m, 3.7m, 3.8m, 4.2m, 4.5m & 5.0m
- * Approximate Mount Weight 360 LBS to 441 LBS

60" Heavy Duty Polar Mount

- 110° of Travel
- Bronze Bushings at Pivot Points
- Can be Equipped with Locking Bar to Set on One Satellite
- Optional 36 Volt, 36" Actuator to Track up to 110° of Arc
- Available in 3.0m, 3.7m, 3.8m, 4.2m, 4.5m & 5.0m
- * Approximate Mount Weight 287 LBS to 365 LBS

Powered Declination Option

- Geosynchronous Satellite Tracking
- Heavy Duty Bushings at Pivot Point
- Adjustable Frame for Declination
- 25° of Declination Travel; 1 Min. 36 Sec. with 2 amp motor
- 36VOLT 2 Amp Motors
- Available with 60" Polar or H-to-H Mounts

Optional Features For Antennas

- Hot Dipped Galvanizing
- Custom Base Cans Upon Request
- Heavy Duty Feed Assembly for 4 Port Feeds
- Snow Cover
- Half/Full Dish De-icing
- Non-Penetrating Roof Mounts
- TX Penetrating Base Stand
- Electronics, Feed Horns, LNB's and Controllers

*Mount weights are approximate. The weight of the mount will vary depending on the size of the antenna. Antenna sizes are nominal.



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DH ANTENNA SPECIFICATIONS

Antenna Sizes: Nominal	2.4m	2.7m	3.0m	3.7m	3.8m	4.2m	4.5m	5.0m
Antenna Sections	4	4	4	4/Optional 8	4	8	8	8
C Band Gain @ 4 Gig	38.6 db	39.6 db	40.6 db	42.3 db	42.5 db	43.5 db	43.9 db	44.3 db
Ku Band Gain @ 12 Gig	48.2 db	49.2 db	49.9 db	51.1 db	51.8 db	53.0 db	53.3 db	54.2 db
Thickness	.085	.085	.085	.085	.090	.110	.110	.110
f/d Ratio	.375	.33	.3	.4	.378	.34	.33	.3
Wind Force at 60° at 90 MPH	1,900 lbs	2,490 lbs	3,020 lbs	4,200 lbs	4,600 lbs	5,975 lbs	6,600 lbs	7,800 lbs
First Side Lobe (E-Plane)	1.2°	1.2°	1.2°	2.4°	2.3°	2.1°	1.95°	1.1°
All Side Lobes	-26 db	-26 db	-26 db	-22 db	-22 db	-22 db	-22 db	-22 db
3db Beam Width (E-Plane)	0.5°	0.5°	0.5°	1.4°	1.4°	1.2°	1.2°	0.9°
F/L	36"	36"	36"	57.6"	57.6"	57.6"	57.6"	57.6"
Antenna Weight (Sectional)	71 lbs	94 lbs	110 lbs	4pc-165 lbs 8pc- 192 lbs	214 lbs	281 lbs	317 lbs	355 lbs
Antenna Weight (One Piece)	60 lbs	82 lbs	102 lbs	180 lbs	198 lbs	241 lbs	277 lbs	315 lbs

1PC DH ANTENNAS AVAILABLE FROM 0.6M THRU 5.0M

- **PERFECT ANTENNA**- No signal loss
- Quick and easy installation. **SOLID ANTENNA LESS FIELD TIME**
- Handled by DH Personnel from the beginning stages of production to the job site
- Available for large quantity **Domestic orders**
- **SAVE MONEY** by using DH delivery

SECTIONAL DH ANTENNAS AVAILABLE FROM 2.4M THRU 5.0M

- **One piece spun antenna- sectionalized**
- Templates guarantee **PERFECT** parabolic shape
- **EASY TRANSPORT**- Fits in a freight elevator for roof installations
- **QUICK DELIVERY**- Ships common carrier within a few days at a very **LOW COST**
- Fast and easy installation

DH ONE PIECE SHIPPING

DH Satellite offers one piece antennas as large as 5m (16') delivered to as close to your job site as possible. DH uses our own factory trucks to make a one piece antenna delivery to your site. Charges are based on the size of the antenna, miles and weight of the system. Discounts are factored on running a full load and combining orders directionally.



Labor and forklift required at site.

DH SECTIONAL SHIPPING

Ships common carrier within a few days at a very low cost. Domestic shipments will be packed with HEAT TREATED lumber and OSB. DH will custom build and pack your order. Note that dims and weights are estimated until final packing so that you may obtain freight quotes prior your shipping. Wood and wood packing materials may vary in density therefore no two crates with the same dims will weigh the same.



Lift gate options may be available on request.

Export
ISPM 15
COMPLIANT