

# 4 METER FIXED GIBRALTER-T / C BAND TX/RX



## DH SATELLITE

- **Solid Spun Aluminum Antennas**
- **Gibraltar-T Fixed or Motorized**
- **194 mph Wind Survival**

<b><u>Operational Frequencies</u></b>	<b><u>Rx</u></b> 3.7-4.2 Ghz <b><u>Tx</u></b> 5.925-6.425 Ghz	<b><u>Mechanical</u></b>	
<b><u>Antenna Gain</u></b>	<b><u>Rx</u></b> 42.4 @ 4 Ghz <b><u>Tx</u></b> 45.00 @ 6.175 Ghz	<b><u>Antenna</u></b>	4M 4pc nominal Prime Focus
<b><u>VSWR</u></b>	<b><u>Rx</u></b> 1.8:1 <b><u>Tx</u></b> 1.4:1	<b><u>Material</u></b>	Aluminum
<b><u>3db Beamwidth</u></b> (Nominal)	<b><u>Rx</u></b> 1.32° <b><u>Tx</u></b> .91°	<b><u>Feed</u></b>	Dual Port
<b><u>10db Beamwidth</u></b> (Nominal)	<b><u>Rx</u></b> 2.25° <b><u>Tx</u></b> 1.65°	<b><u>Mount Type</u></b>	Elevation over Azimuth
<b><u>Sidelobe Envelope</u></b>	<b><u>Rx</u></b> 32-25 Log $\theta$ dbi <b><u>Tx</u></b> 29-25 Log $\theta$ dbi	<b><u>Pipe Size</u></b>	15" O.D.
<b><u>Power Handling</u></b>	2.5 KW	<b><u>Antenna Weight</u></b>	346 pounds
<b><u>Antenna Noise Temp@ 30°</u></b>	-31.44 K	<b><u>Mount Weight</u></b>	752 pounds
<b><u>Crosspol Isolation</u></b> <b><u>Isolation</u></b>	30db on Axis 35dB	<b><u>Azimuth Adjustment</u></b>	360° manual
<b><u>Polarization</u></b>	Linear	<b><u>Elevation Adjustment</u></b>	2.5° to 85.5° manual
<b><u>F/D</u></b>	.36	<b><u>Environmental</u></b>	
<b><u>Interface Waveguide</u></b>	<b><u>Rx</u></b> WR229 <b><u>Tx</u></b> WR137	<b><u>Wind Loading</u></b>	
		<b><u>Operational</u></b>	<b><u>Rx</u></b> 65 mph <b><u>Tx</u></b> 50 mph
		<b><u>Survival</u></b>	194 mph
		<b><u>Operational Temperature</u></b>	-50 F to +200 F
		<b><u>Product</u></b>	
		<b><u>Antenna</u></b>	Beige
		<b><u>Mount</u></b>	Black
		<b><u>Optional Coating</u></b>	Hot Dip Galvanized
		<b><u>Optional mounting:</u></b>	
			Dual Powered Gibraltar-T motorized Az-El
			Dual Powered Gibraltar-T motorized Az-El Resolver kit
			*Gibraltar-T mount includes a 15" Diameter base & 24" mounting base plate

[www.DHSatellite.com](http://www.DHSatellite.com)

1-608-326-8406

4-14-17 rev 2-3-22  
TX Brochure 4 meter