

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



DH SATELLITE

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

<u>Operational Frequencies</u>	Rx 3.7-4.2 Ghz Tx 5.925-6.425 Ghz	<u>Mechanical</u>	
<u>Antenna Gain</u>	Rx 42.4 @ 4 Ghz Tx 45.00 @ 6.175 Ghz	<u>Antenna</u>	4M 4pc nominal Prime Focus
<u>VSWR</u>	Rx 1.8:1 Tx 1.4:1	<u>Material</u>	Aluminum
<u>3db Beamwidth (Nominal)</u>	Rx 1.32° Tx .91°	<u>Feed</u>	Dual Port
<u>10db Beamwidth (Nominal)</u>	Rx 2.25° Tx 1.65°	<u>Mount Type</u>	Elevation over Azimuth
<u>Sidelobe Envelope</u>	Rx 32-25 Log θ dbi Tx 29-25 Log θ dbi	<u>Pipe Size</u>	15" O.D.
<u>Power Handling</u>	2.5 KW	<u>Antenna Weight</u>	346 pounds
<u>Antenna Noise Temp@ 30°</u>	-31.44 K	<u>Mount Weight</u>	812 pounds (Fixed Az-El)
<u>Crosspol Isolation Isolation</u>	30db on Axis 35dB	<u>Azimuth Adjustment</u>	360 ° manual
<u>Polarization</u>	Linear	<u>Elevation Adjustment</u>	2.5° to 85.5° manual
<u>F/D</u>	.36	<u>Environmental</u>	
<u>Interface Waveguide</u>	Rx WR229 Tx WR137	<u>Wind Loading</u>	
		<u>Operational</u>	Rx 65 mph Tx 50 mph
		<u>Survival</u>	194 mph
		<u>Operational Temperature</u>	-50 F to +200 F
		<u>Product</u>	
		<u>Antenna</u>	Beige
		<u>Mount</u>	Hot Dip Galvanized
		<u>Optional mounting:</u>	
			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

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1-608-326-8406

4-14-17 rev 4-23
TX Brochure 4 meter