



## DiversaTracker 6-way Diversity Antenna Unit

### > Applications

- Fixed or Mobile Operation
- OB-Van
- Live Events

### > Features

- GPS Controlled Tracking
- Build in Compass and GPS
- Worldwide Magnetometre Correction
- Subdivided Frequency (1.9 - 7GHz)
- Mid Gain Antennas (5 x 7dBi)
- High Gain Tracking Antenna (1 x 15-23dBi)
- Integrated Down Converter to UHF
- Integrated LNA
- One Cable Solution

### > Performance

DiversaTracker, a 6-way diversity antenna unit, is optimised for the near, middle and long distance reception combining all diversity reception advantages. The built in magnetometre and its worldwide magnetometre correction make this antenna unique in its market. It can be used for fixed and mobile operation. Its 360° coverage offers seamless switching between sector and directional tracking antenna for the long-distance reception, based on signal quality (FFT-MRC technology) and GPS data-tracking. The DiversaTracker is easy to handle and no extra operator is required.

### > High Efficiency

BMS latest product has a fully automated SIT „Signal Integrity Tracking“ automatic tracking software. The self contained system can be controlled from any remote location.

### > Technical Characteristics

<b>Frequency Range</b>	Subdivided Frequency (1.9 - 7GHz)	
<b>Impedance</b>	50Ω	
<b>VSWR</b>	>10dB	
<b>Polarisation</b>	Linear	
<b>Gain</b>	5 x 7dBi	
<b>Gain Tracking Antenna</b>	1 x 15-23dBi (depending on frequency)	
	15dBi	2GHz
	18dBi	3GHz
	19dBi	4GHz
	21dBi	6GHz
	23dBi	7GHz
<b>Downconverter Frequency Output</b>	70 to 867MHz	
<b>Dimensions (Diameter x Height)</b>	800mm x 500mm (34.50" x 19.69")	
<b>Weight</b>	approx. 6kg (13.22 lbs)	
<b>Connector</b>	Multicore	