



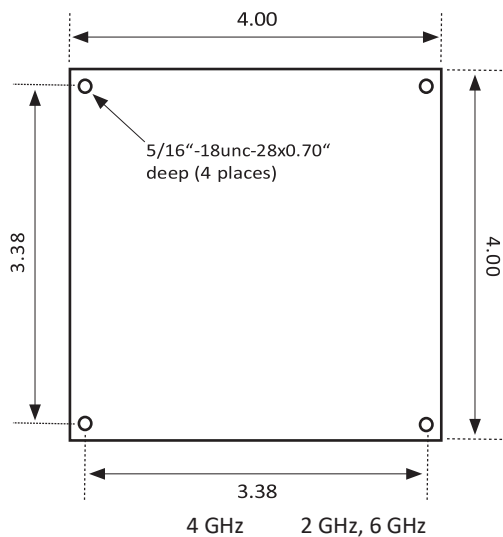
DiversaPod™

Six-way Receive Antenna

- Fixed or Mobile Operations
- OB Van
- Live Events
- Command Post Vehicles
- Multi-camera Events
- Airborne Downlink Reception

> Benefits

- Small and rugged
- Subdivided Frequency (1 - 7 GHz)
- Integrated Down Converter to UHF
- Integrated LNA
- One cable solution
- No moving parts
- Up-look antenna standard



Mounting Plate (inches)



> Features

The DiversaPod™ six-way compact antenna with linear polarization for wireless camera or digital news applications and integrated down converters, covers the 2, 4, and 6 GHz ranges.

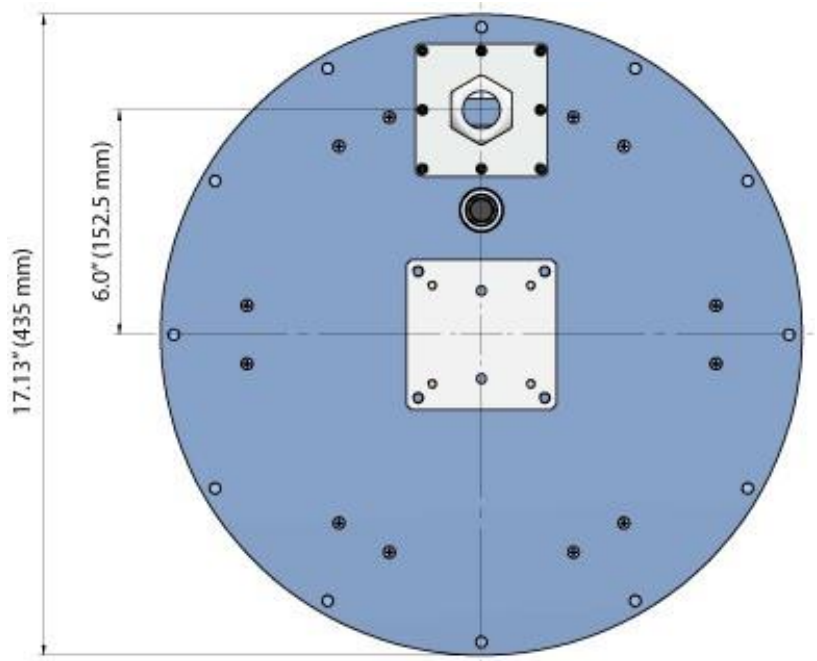
The DiversaPod™ diversity receive antenna is the perfect companion for BMS' popular DR6000 COFDM digital diversity receiver. The pod contains six sector antennas, six block down-converters, and six low-noise amplifiers, integrated within a compact and weathertight radome. A single cable connects the DiversaPod to the receiver simplifying installation. Its compact size offers flexible mounting options.

Also included is an integrated "up-look" antenna to capture high altitude flyovers. Cable entry is a weatherproof PTO type connector. A single UHF/power cable is available. DC power to the antenna is typically delivered from the 6-way diversity receiver through the coaxial connections. Alternate powering can be arranged by contacting BMS with your needs.

SPECIFICATIONS

| | |
|---------------------------------|---|
| Antenna Gain/Polarity (Panel) | 2 GHz 12 dBi/vertical; 4 GHz 15 dBi/vertical; 6 GHz 15 dBi/vertical |
| Antenna Gain/Polarity (Up look) | 7 dBi/RHC |
| Antenna Frequency | (Please see ordering information.) |
| IF | 70-810 MHz |
| LNA Gain | 24 or 35 dB |
| LNA Noise Figure | 3 dB or better |
| Azimuth Beam Width | 360° main panel, linear/vertical |
| Elevation Beam Width (HPBW) | 30° |
| Beamwidth (Up-look) | 70° x 70°, RHCP |
| Filters | Varies by frequency; check w/ BMS |
| IF Connector | PTO type disconnect |
| Maximum Cable Length | 300' (contact factory) |
| Voltage | 9-36 VDC |
| Power | 8 Watts |
| Weight | <15 lbs. in all cases |
| Radome | Weather proof Fiberglass Polyester Resin |
| Dimensions | Standard Radome: 18" H by 18" dia. Low-Profile: 14" H by 18" dia. |
| Mounting Flange | See diagram |
| Color | White (standard); (O.D. Green consult factory) |

Other frequencies available; consult factory



| MODEL | FREQUENCY (GHz) | GAIN dBi (PANEL/UL) | NOTES |
|--------------------|---|---------------------|--------------------------------------|
| VLA2412LP-UL | 2.0-2.7 | 12/7 | 14" Tall, connector, up-look antenna |
| MODEL | OPTION | | |
| BTA-110 | Tripod | | |
| BTA-CASE1 | Tripod shipping case | | |
| DPOD14-CASE | Shipping case for 14" tall pod and cable | | |
| DPOD18-CASE | Shipping case for 18" tall pod and cable | | |
| Cable Assembly-PTO | 6-way UHF cable for PTO connector; specify length up to 300'. | | |

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