

Antenna Description v1.1 14-Aug-2014

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The GPRI uses 3 identical antennas. The slotted waveguide antenna support structure includes 3 carbon-fiber tubes to ensure that the antennas remain linear when deployed. These are custom antennas manufactured expressly for Gamma Remote Sensing AG.

Type: Slotted waveguide

Nominal Gain: 31 dB

Polarization: Linear, Vertical

Azimuth Beamwidth: 0.5 degrees

Elevation Beamwidth: 31 degrees

GAMMA Component Number: ANT0235-0100