

# C-band Gooseneck Antenna

## Features and Benefits

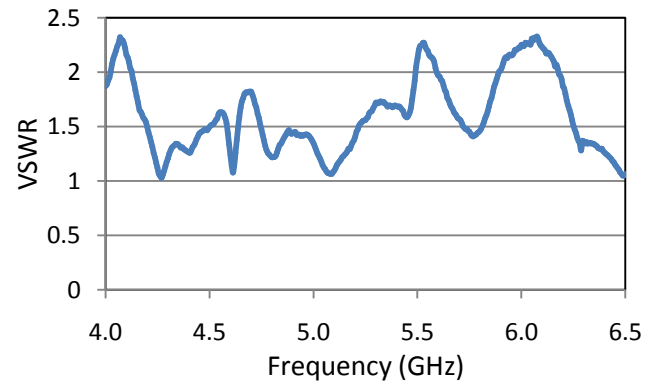
- Broadband Operation from 4400 to 5900 MHz
- Omni Directional Coverage
- Flexible gooseneck for handheld, worn, or man pack radios
- Lightweight

Pharad's *octane*<sup>®</sup> tactical gooseneck antennas are the ideal antenna solution for dismounted applications requiring omni-directional antenna coverage. The gooseneck base allows the user to adjust the antenna position for greater comfort and link performance. This omni-directional antenna is completely passive, and requires no tuning or adjustments. The *octane*<sup>®</sup> gooseneck antennas are easy to install and come standard with a TNC and N connector.

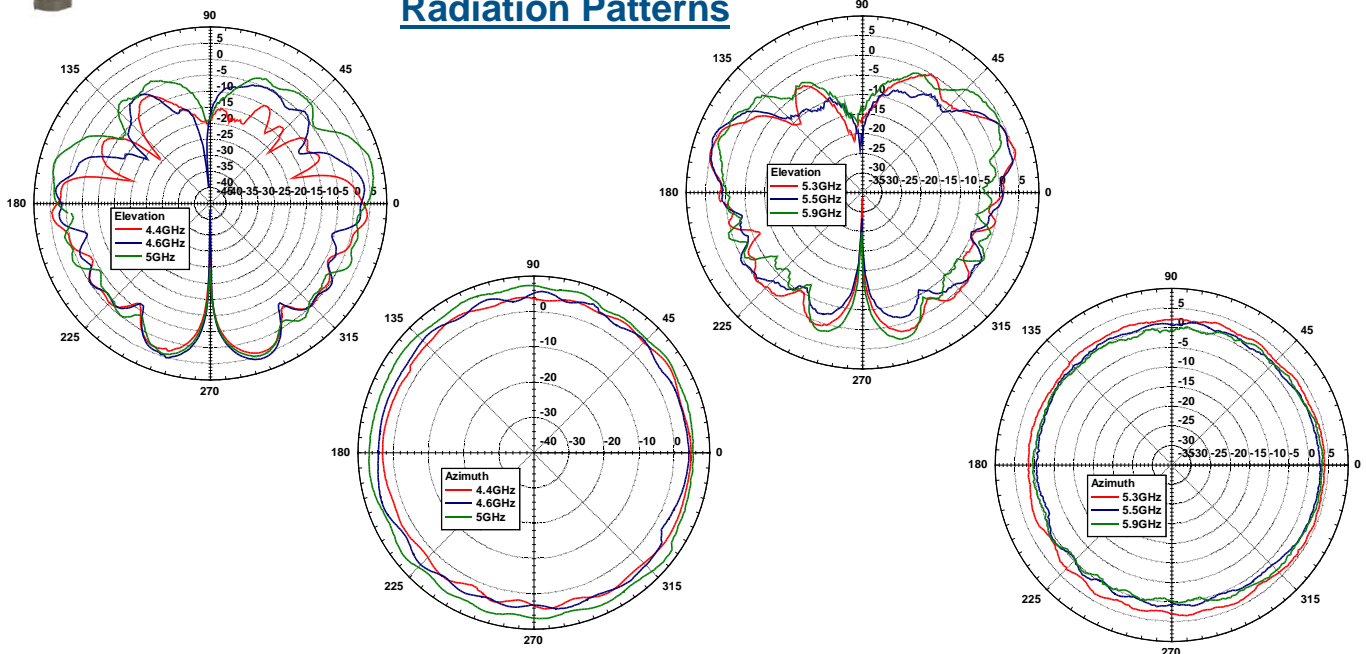
## Characteristics

|                        |  |
|------------------------|--|
| <b>Frequency</b>       | 4400 - 5900 MHz  |
| <b>Gain</b>            | 4.6 dBi @ 4400 MHz<br>6.8 dBi @ 5000 MHz<br>4.4 dBi @ 5900 MHz |
| <b>VSWR</b>            | < 2.0:1 4400 – 5600 MHz<br>< 2.4:1 5600 – 5900 MHz             |
| <b>Maximum Power</b>   | 5 Watts  |
| <b>Pattern</b>         | Dipole   |
| <b>Polarization</b>    | Vertical   |
| <b>Size (L × D)</b>    | 12.5" × 0.5"   |
| <b>Radiator Weight</b> | 3.5 ounces   |
| <b>Connector Type</b>  | TNC (N-type optional)  |

## Typical VSWR



## Radiation Patterns



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