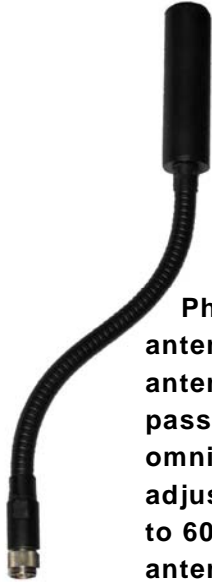


# Gooseneck Antennas for Man-pack Systems



## Features and Benefits

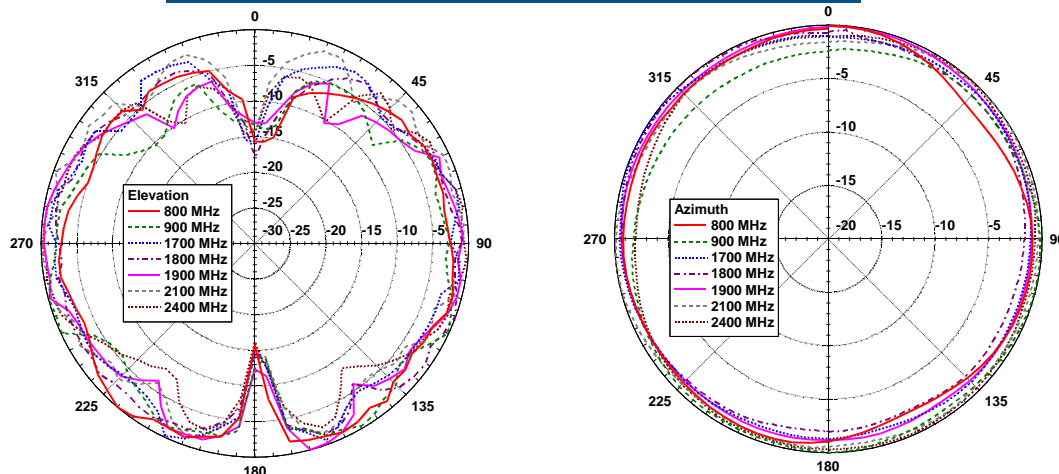
- 800-6000 MHz models available
- Flexible gooseneck for man-pack use
- Omni-directional in azimuth
- Gain optimized for 15° down tilt
- N-connector



Pharad's *octane*<sup>®</sup> multi-band tactical gooseneck antennas are the ideal antenna solution for dismounted applications requiring omni-directional antenna coverage at a slight down tilt. The gooseneck base allows the user to pass directly beneath overhead objects without impediment or injury. This omni-directional antenna is completely passive, and requires no tuning or adjustments. These small antennas provide operational bandwidths from 800 to 6000 MHz, and exhibit a VSWR of less than 2:1 for most systems. This antenna is designed to maximize gain at 15° down tilt from the horizon, providing coverage precisely where needed for dismounted Electronic Warfare applications. The *octane*<sup>®</sup> multi-band antenna is easy to install with a standard N-connector.

Model #	MP-800-6000-GN	MP-800-6000-EGN
Frequency	800 - 6000 MHz	800 - 6000 MHz
Gain – typical	0 dBi	3 dBi
Maximum Power	25 Watts	25 watts
Pattern	Omni in azimuth	Omni in azimuth
Polarization	Vertical	Vertical
VSWR	< 2:1	< 2:1
Size (L x D)	20.3" x 1.3"	25.5" x 1.3"
Weight	15.9 ounces	20 ounces
Connector	N Type	N Type

## Radiation Patterns for MP-800-6000-GN



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