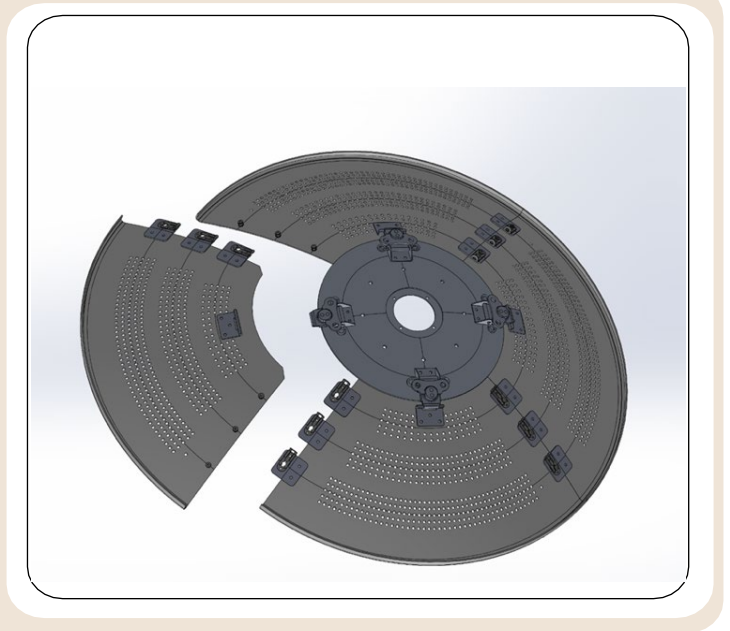


# 4.4 GHz – 5.9 GHz Collapsible Mesh Antenna

## QUICK LOOK:

- High-gain dual-polarized antennas for PTP 700 radios
- Collapsible petal design for easy compact transport
- Mesh reflector for reduced weight and higher wind rating
- Supports 4.4 GHz to 5.9 GHz band
- Available in 2 ft and 3 ft sizes



Cambium Networks **Collapsible Mesh Antennas** are high-gain parabolic antennas designed for compact storage and transportation. The innovative collapsible petal design allows the antennas to be quickly and easily assembled without tools, even while wearing gloves. The 2-foot antennas use three petals, and the 3-foot antennas use four petals, optimizing storage, assembly, and durability tradeoffs. The antennas are available in 4.4 GHz to 5.9 GHz and 7.1 GHz to 8.5 GHz frequency bands.

## APPLICATIONS

- Deployment of long-distance, high-throughput, tactical radio links

## KEY FEATURES

- Collapsible petal design
- 2' and 3' mesh reflectors
- Simple assembly and disassembly
- Compatible with PTP 700 radios
- Designed to work with Cambium tactical Connectivity Kits and TD 90 Positioners
- Designed for tactical operators
- Tested to MIL-STD-810

## Collapsible Mesh Antenna

### General Specifications

<b>Model Number</b>	N045070D080A – 2 ft, White
	N045070D081A – 2 ft, Green
	N045070D082A – 2 ft, Tan
	N045070D083A – 3 ft, White
	N045070D084A – 3 ft, Green
	N045070D085A – 3 ft, Tan

<b>Country of Origin</b>	United States
--------------------------	---------------

### Mechanical Specifications

<b>Dimensions</b>	25.5 x 25.5 x 12.5 in – 2 ft
	34.6 x 34.6 x 15.6 in – 3 ft

### Electrical Specifications

	2-Foot Antenna	3-Foot Antenna
<b>Frequency Range</b>	4.4–5.925 GHz	4.4–5.925 GHz
<b>Gain</b>	25.5–28.5 dBi	28.5–31.5 dBi
<b>Polarization</b>	Horizontal and vertical	Horizontal and vertical
<b>Azimuth Beamwidth, -3 dB</b>	6.5 +/- 1.5°	4.7 +/- 1.5°
<b>Elevation Beamwidth, -3 dB</b>	6.5 +/- 1.5°	4.7 +/- 1.5°
<b>Front to Back Ratio</b>	>26 dB	>26 dB
<b>Impedance</b>	50 Ohm	50 Ohm
<b>Port to Port Isolation, min</b>	25 dB	25 dB
<b>VSWR</b>	1.7:1 typical, 2:1 maximum	1.7:1 typical, 2:1 maximum

#### ABOUT CAMBIUM NETWORKS

Cambium Networks enables service providers, enterprises, industrial organizations, and governments to deliver exceptional digital experiences, and device connectivity, with compelling economics. Our ONE Network platform simplifies management of Cambium Networks' wired and wireless broadband and network edge technologies. Our customers can focus more resources on managing their business rather than the network. We make connectivity that just works.

[cambiumnetworks.com](https://cambiumnetworks.com)