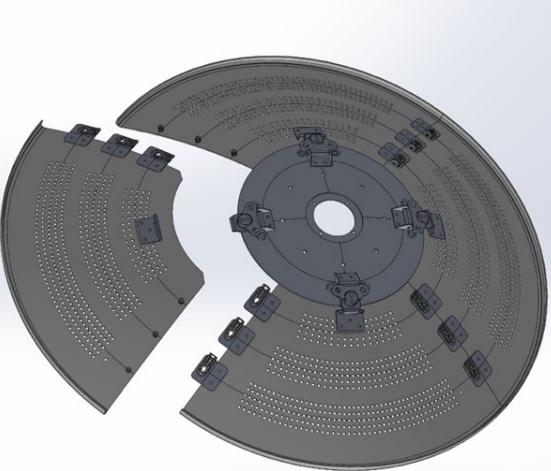


4.4 GHz – 5.9 GHz Collapsible Mesh Antenna

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

Model Number	N045070D080A – 2 ft, White N045070D081A – 2 ft, Green N045070D082A – 2 ft, Tan N045070D083A – 3 ft, White N045070D084A – 3 ft, Green N045070D085A – 3 ft, Tan
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Country of Origin	United States
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Mechanical Specifications

Dimensions	25.5 x 25.5 x 12.5 in – 2 ft 34.6 x 34.6 x 15.6 in – 3 ft
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Electrical Specifications

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

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