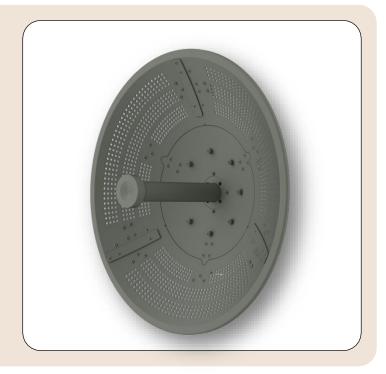


# 4.4-5.9 / 7.1-8.5 GHz Tactical Parabolic Antennas

### 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 4.4–5.9 GHz or 7.1–8.5 GHz bands
- Available in 2 ft and 3 ft sizes
- Available in white, green, or tan



Cambium Networks Tactical Parabolic Antennas are high-gain directional 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 3 petals and the 3-foot antennas use 4 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, and in white, green, or desert tan colors.

#### **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 45700 and PTP 78700 radios
- Designed to work with Cambium tactical Connectivity Kits and TD 90 positioners
- Designed for tactical operators
- Tested to MIL-STD-810

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## **Tactical Parabolic Antennas**

Model Numbers	
4.4-5.9 GHz, 2-ft	N045070D080A – White
	N045070D081A – Green
	N045070D082A – Tan
4.4-5.9 GHz, 3-ft	N045070D083A – White
	N045070D084A – Green
	N045070D085A – Tan
7.1–8.5 GHz, 2-ft	N070070D086A – White
	N070070D087A - Green
	N070070D088A – Tan
7.1–8.5 GHz, 3-ft	N070070D089A – White
	N070070D090A – Green
	N070070D091A – Tan

Mechanical Specifications				
Dimensions	2-ft: 25.5 x 25.5 x 12.5 in			
	3-ft: 35.6 x 35.6 x 15.6 in			
Weight	2-ft: 11.7 lb			
	3-ft: 17.8 lb			
Environmental	IP67, MIL-STD-810			
Wind Rating	Operational: 145 km/h			
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	34			
Connector	2 x N-type, female			
Country of Origin	United States			

Electrical Specifications					
	4.4-5.9 GHz, 2-Ft	4.4-5.9 GHz, 3-Ft	7.1–8.5 GHz, 2-Ft	7.1–8.5 GHz, 3-Ft	
Frequency Range	4.4-5.925 GHz	4.4-5.925 GHz	7.125–8.5 GHz	7.125–8.5 GHz	
Gain	25.5 to 28.5 dBi	28.5 to 31.5 dBi	30.5 to 31.2 dBi	33.3 to 34.4 dBi	
Polarization	Horizontal + Vertical	Horizontal + Vertical	Horizontal + Vertical	Horizontal + Vertical	
Azimuth Beamwidth	6.5 +/- 1.5°	4.7 +/- 1.5°	4.8 +/- 0.7°	3.5 +/- 0.5°	
Elevation Beamwidth	6.5 +/- 1.5°	4.7 +/- 1.5°	5.0 +/- 0.7°	3.4 +/- 0.5°	
Front to Back Ratio	>26 dB	>26 dB	>26 dB	>26 dB	
Impedance	50 Ohms	50 Ohms	50 Ohms	50 Ohms	
Port to Port Isolation	25 dB	25 dB	25 dB	25 dB	
VSWR	1.7:1 Typical, 2:1 Max				

#### **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 deliver connectivity that just works.

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