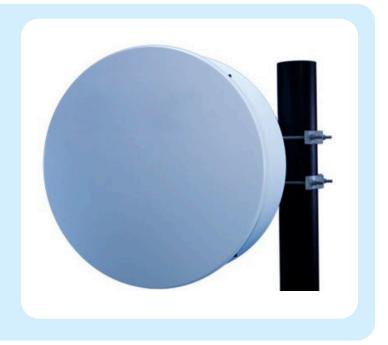


# 2ft 5.25-5.85 GHz High-Performance Antenna

.6m | 2ft High-Performance Parabolic Reflector Antenna, Dual-Polarized, Ultra-Wide-Band

#### QUICK LOOK:

Cambium Networks High-Performance, Dual Polarized, 5.25–5.85 GHz ultrawide-band antennas provide ETSI class 2/3 radiation pattern performance as well as excellent gain. Field-proven preassembled antennas and robust pole-mounts ensure "set and forget" installation with minimal post-installation maintenance.



### Features And Benefits

- Supports PTP 650, PTP 670, PTP 700, and PTP 450i connectorized radios
- 5.25 5.85 GHz ultra-wide band antenna allowing for ability to change radio frequencies while not changing the antenna
- Excellent gain and interference rejection across
  5.25 5.85 GHz resulting in excellent front-to-back suppression
- Preassembled at the factory, simplifies installation on site and guarantees "factory-tested" quality
- Easy installation via mounting system included with the antenna
- Lightweight and rugged design
- Warranty Industry leading 7-year warranty

General Specifications		
Model	RDH4508C	
Antenna Type	High-Performance Parabolic Reflector Antenna	
Diameter, nominal	.6 m   2 ft	
Polarization	Dual	
Standard RF Connector Type	2 x N-Female	
Country of origin	China	

©2021 Cambium Networks, Ltd 1 cambiumnetworks.com



## 2ft 5.25–5.85 GHz High-Performance Antenna

Electrical Specifications		
Operating Frequency Band	5.25 – 5.85 GHz	
Half Power Beamwidth, Horizontal	6.1°	
Half Power Beamwidth, Vertical	6.1°	
Cross-Polar Discrimination	28 dB	
Front to Back Ratio (F/B)	44 dB	
Gain, Low Frequency	28.3 dBi	
Gain, Mid Frequency	28.8 dBi	
Gain, High Frequency	29.3 dBi	
Return Loss	14 (Minimum)	
VSWR	1.5 (Maximum)	

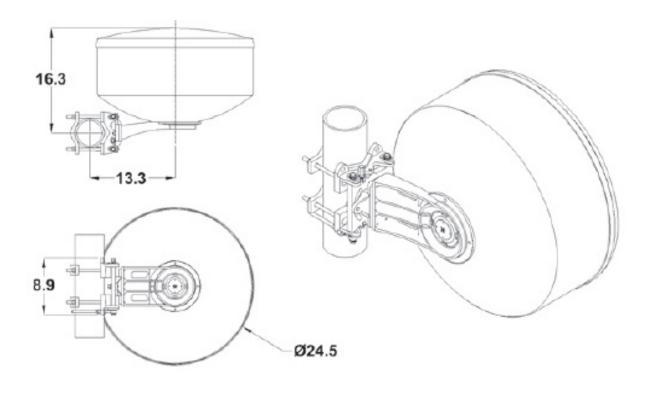
Packaging	
Package Type	Cardboard
Gross Weight	48 lbs (21.8 kg)
Dimensions, L x W x H	31 x 31 x 25 in / .78 x .78 x .64 m
Shipping Volume	13.9 cu ft (.39 cu m)

Mechanical Specifications		
Fine Azimuth Adjustment	+/- 10°	
Fine Elevation Adjustment	+/- 30°	
Mounting Pipe Diameter min/max	2 in (5.08 cm) /1.54.5 in (11.4 cm)	
Net Weight	27 lbs (12.2 kg)	
Wind Velocity, Operational	90 mph (145 km/h)	
Wind Velocity, Survival Rating	125 mph (200 km/h)	
Operating Temperature Range	-40°C to 60°C	
Storage Temperature Range	-50°C to 70°C	

Regulatory Compliance	
FCC	Undeclared
Industry Canada Compliance	Undeclared
ETSI	Undeclared
RoHS-compliant	Yes



### 2ft 5.25-5.85 GHz High-Performance Antenna



### ABOUT CAMBIUM NETWORKS

Cambium Networks empowers millions of people with wireless connectivity worldwide. Its wireless portfolio is used by commercial and government network operators as well as broadband service providers to connect people, places and things. With a single network architecture spanning fixed wireless and Wi-Fi, Cambium Networks enables operators to achieve maximum performance with minimal spectrum. End-to-end cloud management transforms networks into dynamic environments that evolve to meet changing needs with minimal physical human intervention. Cambium Networks empowers a growing ecosystem of partners who design and deliver gigabit wireless solutions that just work.

cambiumnetworks.com