

Specifications



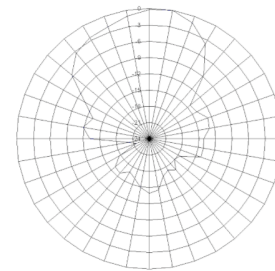
2.4 GHz CP BEAM™

High Performance 2.4 GHz
Helical Antenna

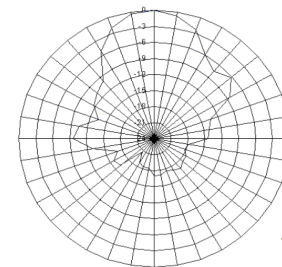
The 2.4 GHz CP Beam Antenna is a circularly polarized beam antenna designed for wireless microphones, intercoms, and other wireless data communication devices operating in the 2.4 GHz ISM band.

With 12 dBd of gain, it significantly increases useable range, indoors or out. The 2.4 GHz CP Beam's circularly polarized element also reduces signal dropouts and improves link quality. The element is protected by a durable ABS enclosure, and includes a mounting block with 1/4-20, 3/8-16, and 5/8-27 threads.

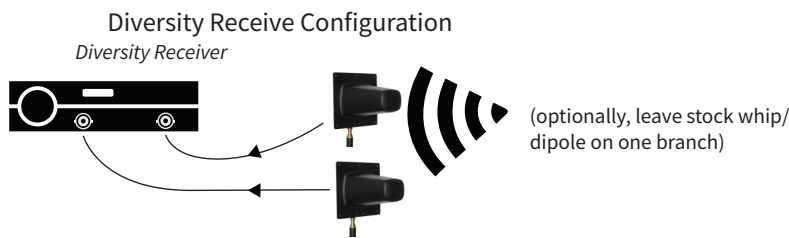
In-line attenuation is significantly higher for remote cable runs at the 2.4 GHz frequency. Low loss coaxial cable is essential for full performance benefits.



Azimuth X



Azimuth Y



Electrical

Operating frequency	2.4 GHz
Bandwidth.....	200 MHz
Impedance	50Ω
Avg. return loss.....	-14.3 dB
Pattern type.....	Beam
Polarization	RHCP

Azimuth X

Beam width.....	63°
F/B ratio.....	-14 dB
F/S ratio	-14 dB
Squint.....	< 5°

Azimuth Y

Beam width.....	45°
F/B ratio.....	-13 dB

F/S ratio	-17 dB
Squint.....	< 2 dB
Gain	12 dBd

Physical

Length.....	203mm
Height.....	152mm
Weight	340g
Mount threads	1/4-20, 3/8-16, 5/8-27
Operating temperature.....	-23°C-54°C
Color	Black
Connector(s).....	N female (BNC supplied)