

Specifications



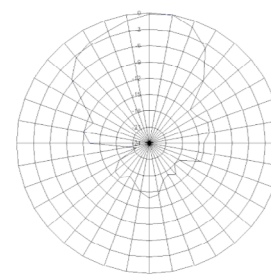
2.4 GHz CP BEAM

High Performance 2.4 GHz Helical

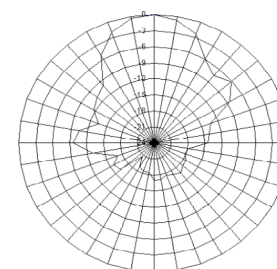
The 2.4 GHz CP Beam Antenna is a circularly polarized beam antenna designed for wireless microphones, intercoms, and other wireless data communication devices operating in the 2.4 GHz ISM band.

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.

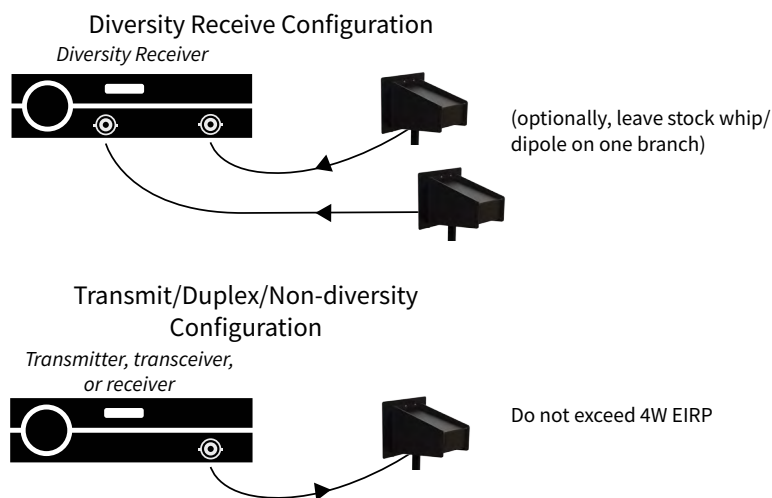
In-line attenuation is significantly higher for remote cable runs at the 2.4 GHz frequency. Low loss coaxial cable is essential for full performance benefits.



Azimuth X



Azimuth Y



Electrical		F/S ratio	-17 dBm
Operating frequency	2300–2500 MHz	Squint	< 5°
Bandwidth	200 MHz		
Impedance	50Ω	Gain	12 dBd
Avg. return loss	-14.3 dBm		
Pattern type	Beam	Physical	
Polarization	RHCP	Length	203mm
Azimuth X		Height	152mm
Beam width	63°	Weight	340g
F/B ratio	-14 dBm	Mount threads	1/4-20, 3/8-16, 5/8-27
F/S ratio	-14 dBm	Operating temperature	-23°C–54°C
Squint	< 5°	Color	Black
Azimuth Y		Connector(s)	N female (BNC supplied)
Beam width	45°		
F/B ratio	-13 dBm		