

Specifications



CP BEAM™

High Gain Folding Helical Antenna

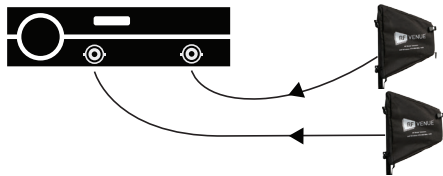
The CP Beam Antenna is a lightweight circularly polarized beam antenna designed to be used with IEMs, wireless microphone systems, and other UHF communication devices.

To use, disconnect straps and extend CP Beam. Connect coaxial cable to receiver, transmitter, or antenna combiner. Mount antenna on stand.

To store, compress antenna and attach straps to hold as shown.

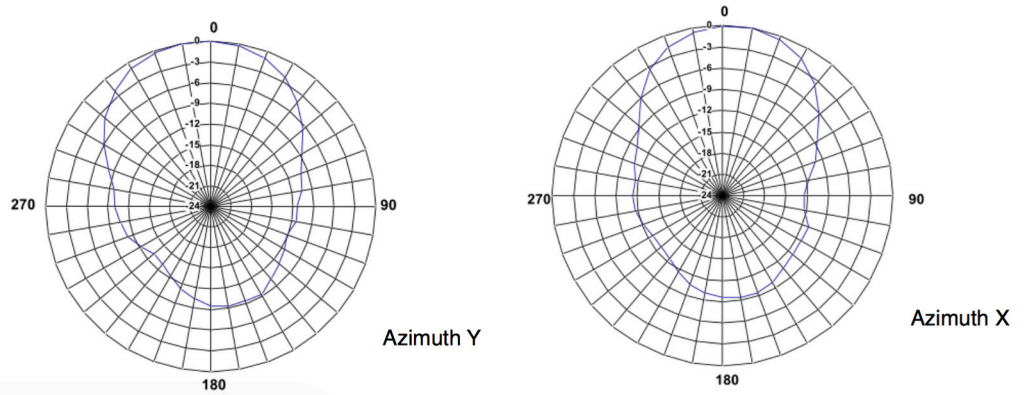
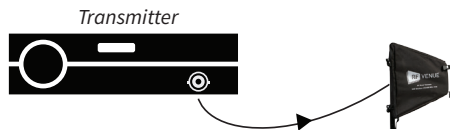


Diversity Receive Configuration



(optionally, leave stock whip/dipole on one branch)

IEM Transmitter Configuration



Electrical		Azimuth Y	
Operating frequency	470–698 MHz	Beam width.....	70°
Bandwidth.....	228 MHz	F/B ratio.....	-9 dB
Average return loss	-13.15 dB	F/S ratio	-12 dB
Impedance	50Ω	Squint.....	< 2 dB
Pattern type.....	Beam	Gain	9 dBd
Polarization	RHCP	Physical	
Azimuth X		Length.....	355mm
Beam width.....	63°	Height.....	355mm
F/B ratio.....	-10 dB	Weight	1100g
F/S ratio	-12 dB	Mount threads	1/4-20, 3/8-16, 5/8-27
		Operating temperature.....	-23°C–54°C
		Color	Black fabric
		Connector(s).....	N female (BNC supplied)