

Specifications



CP BEAM™

High Gain Folding Helical Antenna

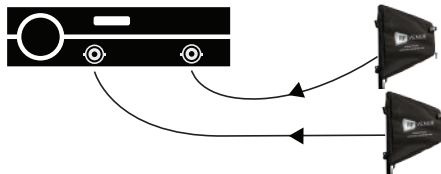
The CP Beam Antenna is a lightweight circularly polarized beam antenna designed to be used with IEMs, wireless microphone systems, and other UHF communication devices.

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.



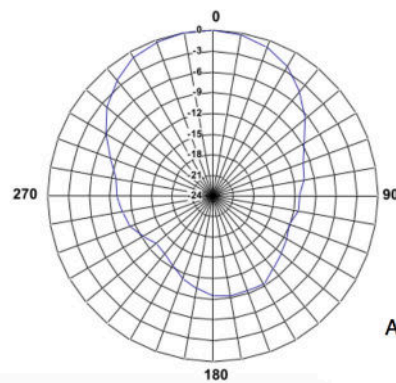
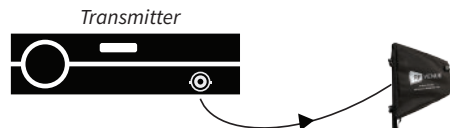
Diversity Receive Configuration
Diversity Receiver



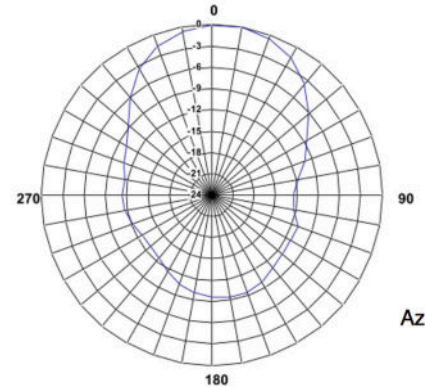
(optionally, leave stock whip/dipole on one branch)



IEM Transmitter Configuration



Azimuth Y



Azimuth X

Electrical

Operating frequency	470-698 MHz
Bandwidth	228 MHz
Average return loss	-13.15 dB
Impedance	50Ω
Pattern type	Beam
Polarization	RHCP

Azimuth X

Beam width	63°
F/B ratio	-10 dB
F/S ratio	-12 dB

Azimuth Y

Beam width	70°
F/B ratio	-9 dB
F/S ratio	-12 dB
Squint	< 2 dB
Gain	9 dBd

Physical

Length	355mm
Height	355mm
Weight	1100g
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)