

2.4 GHZ CP BEAM™ ANTENNA

TECHNICAL SPECIFICATIONS



24BEAM 8/1/2013



Side View

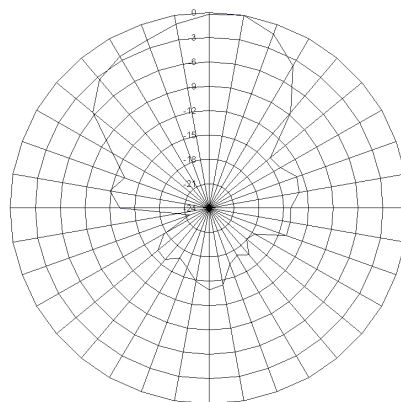


Rear View

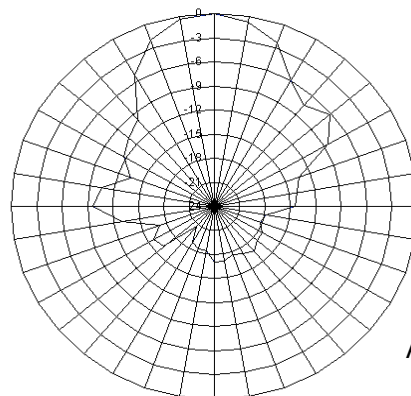
The 2.4 GHz CP Beam™ Antenna is a circularly polarized beam antenna designed to be used with digital wireless microphone systems, intercoms, and other wireless data communication devices operating in the 2.4 GHz ISM band.

To use, connect low loss coaxial cable to receiver, transmitter, Wifi Router or Adapter. Mount antenna on stand.

Model	24BEAM
Electrical Characteristics	
Operating frequency	2400 MHz
Bandwidth	272 MHz
Average return loss	-13.15 dBm
Impedance	50 Ω
Pattern type	Beam
Polarization	RHCP
Azimuth X	-
Beam width	65 Degrees
F/B Ratio	(-14 dBm)
F/S Ratio	(-13 dBm)
Squint	< 10 Degrees
Azimuth Y	-
Beam width	43 Degrees
F/B Ratio	(-17 dBm)
F/S Ratio	(-12 dBm)
Squint	< 5 Degrees
Gain	(-12 dBd) 14 dBi
Physical Characteristics	
Length	203mm/ 8 in
Height	152mm/ 6 in
Weight	340 g / .75 lbs
Mounting	1/4-20, 3/18-16, and 5/8-27
Operating Temperature	-23 to 54C/10-130 F
Color	Black
Connector	N female (BNC adapter supplied)



Azimuth X



Azimuth Y

Specifications are typical. Actual performance varies under changing environmental and physical conditions outside the control of RFvenue. Specifications subject to change without notice. Warranty: As stated with delivered item. Soundwave Research Laboratories, Inc. will not repair or exchange any item that has been modified by the user. The design of this product is proprietary and subject to pending and/or issued patents, trademarks and copyrights.