

Specifications



CP Architectural Antenna for In-Ear Monitors

The CP Architectural Antenna is a high performance circularly-polarized antenna for installed in-ear monitor systems (IEMs). Featuring a slim profile enclosure, the CP Architectural Antenna can be installed on a wall or ceiling in any orientation and can be painted to match any interior. Unlike LPDA or “paddle” antennas with a fixed polarization, the CP Architectural Antenna uses a unique circularly polarized design to provide excellent transmit signal coverage for IEMs with a highly polished and professional look that room designers and architects appreciate.

The CP Architectural is designed to operate between 470 and 928 MHz. This range covers North American UHF band frequencies 470-698, European 823-832 and 863-865 MHz bands and the 902-928 MHz ISM band.

To install, simply attach the provided hardware mounting kit to the wall or ceiling and connect a 50Ω coaxial cable to your IEM combiner.

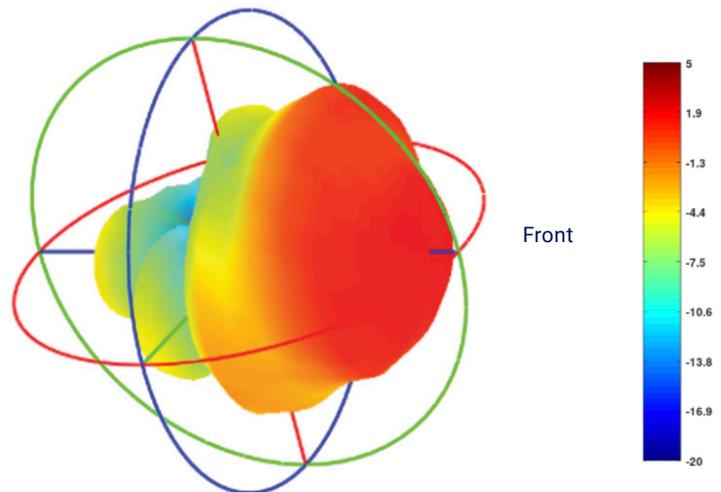
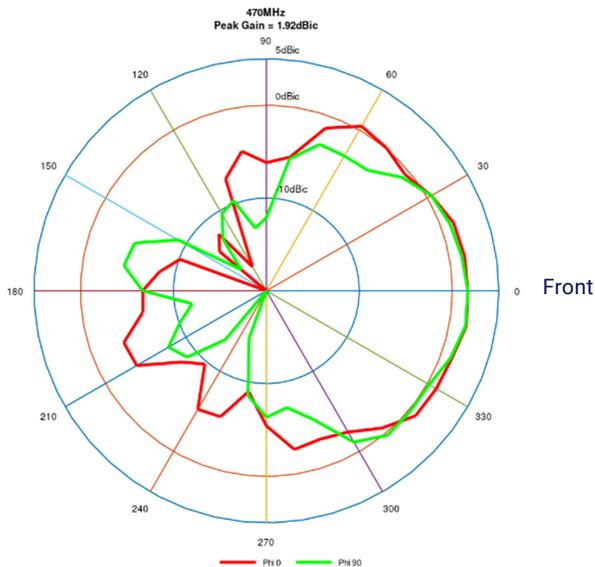


Wall Mount



Ceiling Mount

SKU CP-ARC Includes:
CP-ARC Antenna
Ceiling hardware mounting kit
Wall hardware mounting kit



Independent Lab RF Anechoic Chamber Measurements

Electrical		Physical	
Operating Frequency	470 – 928 MHz	Dimensions	280 x 280 x 50 mm / 11" x 11" x 2"
Bandwidth	458 MHz	Weight	.9 kg / 2 lbs
Average return loss	10 dB	Mount location	Wall or ceiling
Impedance	50Ω	Operating temperature	-10-40° C / 14-104° F
Pattern type	Hypercardiod	Color	Matte white
Polarization	RHCP	Connector	BNC-F
Beam width	120°		
Gain @ 500 MHz	3 dBi		