

Specifications



Diversity Omni™ Antenna

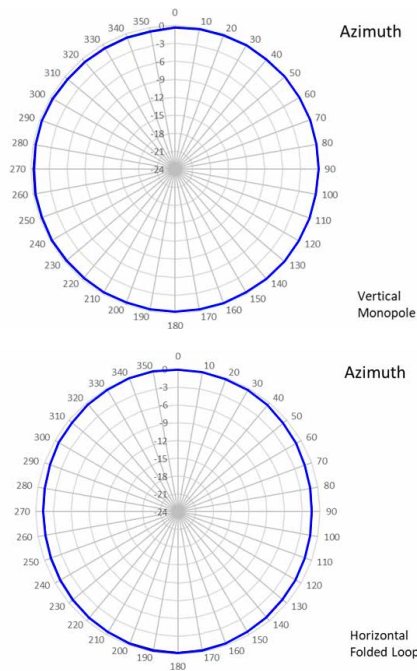
Polarization Diversity Omnidirectional Antenna

Building on the success of the highly acclaimed Diversity Fin® Antenna, the Diversity Omni Antenna is an all-new antenna designed for omnidirectional coverage of wireless microphones

To connect to a wireless microphone system, simply run both the A and B antenna inputs from an antenna distribution system like the DISTRO4 or DISTRO9 HDR and position the antenna where coverage is desired.



The Diversity Omni has two elements and requires two coax cables (not included).



SKU **D-OMNI** Includes:
Diversity Omni Antenna
Stand mount bracket
Weather resistant cover

Electrical

Operating frequency 470–616 MHz*
Bandwidth..... 146 MHz
Average return loss (Vertical) -10.5 dB
Average return loss (Horizontal)..... -8.3 dB
Impedance 50Ω

Vertical Monopole

Beam width..... 360° azimuth
F/B ratio..... 0 dB
F/S ratio 0 dB
Gain..... +2 dBd @ 500MHz

Horizontal Folded Loop

Beam width..... 360° azimuth
F/B ratio..... 0 dB
F/S ratio -1 dB
Gain..... -2 dBd @ 500MHz

Physical

Length..... 105mm / 4.2"
Height..... 204mm / 8"
Weight 187g / .5lb
Mount threads 1/4-20, 3/8-16,
5/8-27
Operating temperature..... -23–54°C / -9–130°F
Color Black and Gold
Connector(s) (2) BNC female

*{usable range 470-698 MHz where permitted}