

Specifications



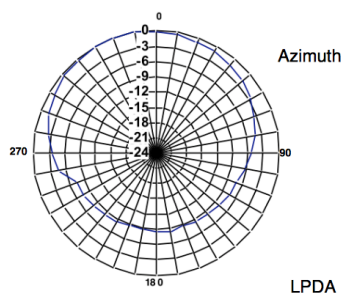
DIVERSITY FIN

Polarization Diversity Antenna

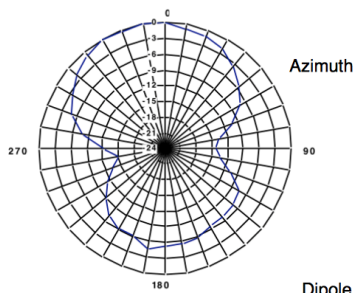
The Diversity Fin Antenna is a multi-purpose antenna designed to be used with wireless microphone systems and other UHF receivers incorporating dual branch diversity reception, and comprises orthogonal directional LPDA and bi-directional dipole elements. One element captures vertically polarized waves, and the other horizontally polarized waves—achieving optimal polarization diversity reception and improving signal constancy in indoor and reflective environments.

Connect two receiver (or antenna distributor) branches to the Diversity Fin via coaxial cables (not supplied).

The Diversity Fin has found widespread adoption across multiple pro audio segments for its performance, convenience, space, and cost benefits.

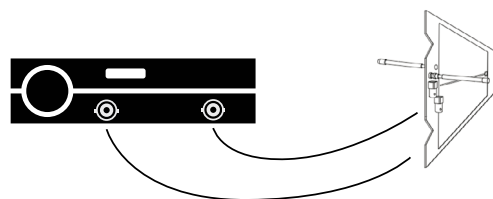


LPDA



Dipole

The Diversity Fin has two elements and two outputs. Connect one to each diversity branch of a receiver or antenna distributor via coaxial cable.



Electrical

Operating frequency	470–698 MHz
Bandwidth	228 MHz
Average return loss	-9.4 dBm
Impedance	50Ω
LPDA	
Beam width	140° azimuth
F/B ratio	-8 dBm
F/S ratio	-5 dBm
Gain	5 dBd
Dipole	
Beam width	100° azimuth
F/B ratio	-5 dBm
F/S ratio	-13 dBm
Gain	1.8 dBd

Physical

Length	300mm
Height	370mm
Weight	454g
Mount threads	1/4-20, 3/8-16, 5/8-27
Operating temperature	-23°C–54°C
Color	Black or white
Connector(s)	(2) BNC female