

Specifications



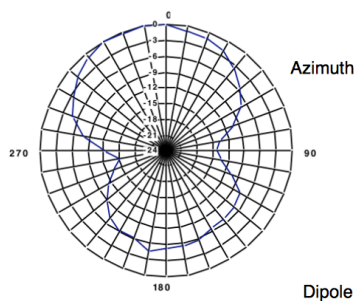
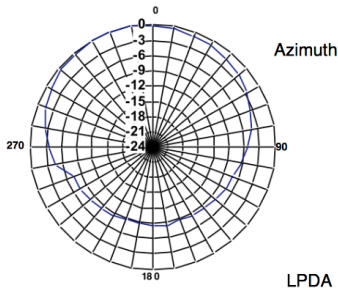
DIVERSITY FIN™

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 in order to eliminate multi-path fade. 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.



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

Electrical		Physical	
Operating frequency	470–698 MHz	Length	300mm
Bandwidth	228 MHz	Height	370mm
Average return loss	-9.4 dB	Weight	454g
Impedance	50Ω	Mount threads	1/4-20, 3/8-16, 5/8-27
LPDA		Operating temperature	-23°C–54°C
Beam width	140° azimuth	Color	Black or white
F/B ratio	-8 dB	Connector(s)	{2} BNC female
F/S ratio	-5 dB		
Gain	5 dBd		
Dipole			
Beam width	100° azimuth		
F/B ratio	-5 dB		
F/S ratio	-13 dB		
Gain	1.8 dBd		