

# Specifications



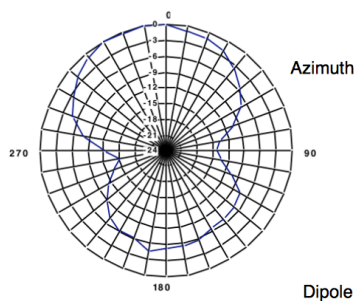
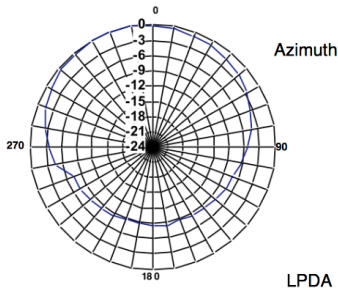
## DIVERSITY FIN™

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
<b>LPDA</b>		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		
<b>Dipole</b>			
Beam width .....	100° azimuth		
F/B ratio .....	-5 dB		
F/S ratio .....	-13 dB		
Gain .....	1.8 dBd		