

Specifications



RF SPOTLIGHT™

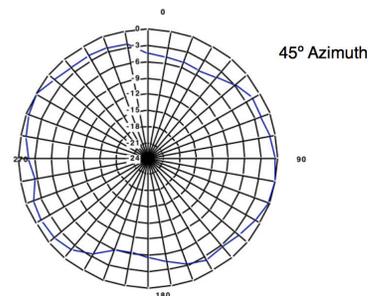
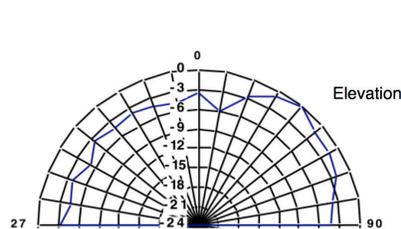
Low Profile Near field Antenna

The RF Spotlight antenna is designed to be used on a floor or underneath a stage with wireless microphone systems. It is effective where multiple wireless systems must inter-operate across facilities and/or where open channels are limited due to crowded spectrum.

Its elliptically polarized element is molded into a durable 7mm thin PVC disc with a 10' 50 lb tensile strength rated cabled connector lead.

Operating range is determined by several factors including transmitter power, coaxial cable type and length, and nearby obstructions. Typical range at 10 mW is a diameter of 100'.

It can be placed under wood stages, offstage, under a carpet, or wherever convenient to limit foot traffic and maximize signal-to-noise ratio.



Electrical

Operating frequency	470-698 MHz
Bandwidth.....	228 MHz
Impedance.....	50Ω
Average return loss	-7.04 dB
Pattern type.....	Floor Omni
Gain	-1 dBd
F/B ratio.....	N/A
F/S ratio	N/A
Polarization	Elliptical

Physical

Diameter	483mm
Thickness.....	7mm
Weight	1.4 kg
Mount location.....	Floor
Operating temperature.....	-10°C-40°C
Color	Stage gray / 18%
Connector(s).....	BNC female