

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.

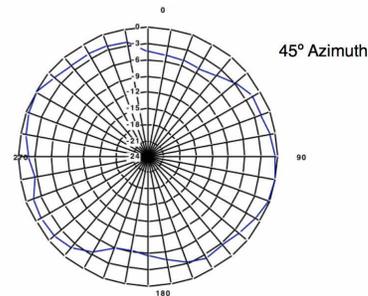
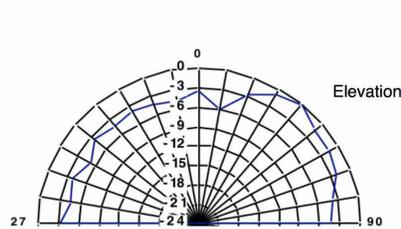
Its elliptically polarized element is molded into a durable 7mm thin PVC disc with a 10' 50 lb tensile strength rated cabled connector lead.

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 radius of 50'.

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



SKU **RFS** Includes:
RF Spotlight Antenna
with 10' BNC lead



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 / 19" |
| Thickness..... | 7mm / .27" |
| Weight | 1.4 kg / 3lb |
| Mount location..... | Floor |
| Operating temperature..... | -10-40°C / 14-104°F |
| Color | Stage gray / 18% |
| Connector(s)..... | BNC female |