

RF SPOTLIGHT™ ANTENNA

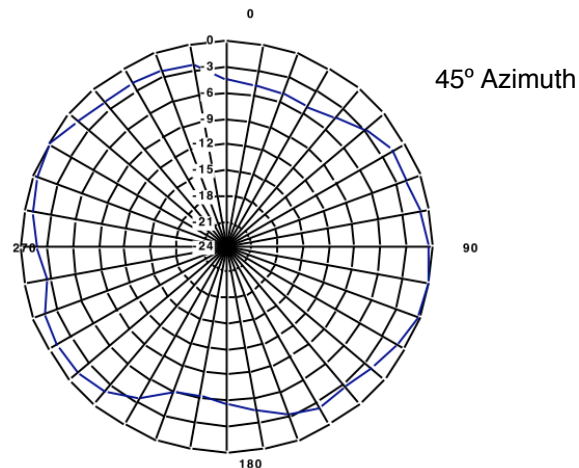
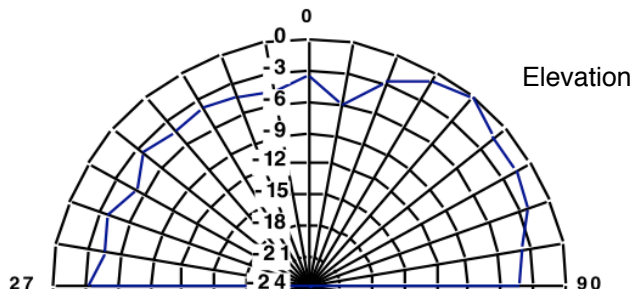
TECHNICAL SPECIFICATIONS



RFS-1 1/2/2012

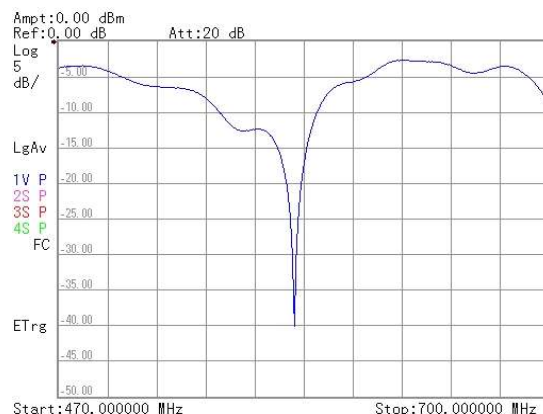


The RF Spotlight™ Antenna is designed to be used on a floor in conjunction with wireless microphone systems, IEMs, IFB, or other UHF communication devices. The pattern type is hemispherical within the stage or desired area of use. The operating range is typically determined by transmitter output power, ~25 meters (75 ft.) with a 10 mW transmitter. ~75 Meters (250 ft) typical with higher output transmitters +30 mW. Interconnects via coaxial cable to receiver, or antenna combiner. Antenna is placed near desired field of use.



Model Number	RFS-1
Electrical Characteristics	
Operating frequency	468-740 MHz
Bandwidth	272 MHz
Average return loss	-7.04 dBm
Impedance (nom)	50 Ω
Pattern type	Floor Omni
Gain	-1dBd
Connector	BNC female
F/B Ratio	N/A
F/S Ratio	N/A
Transmit power (max)	100 mW
Polarization	Elliptical
Physical Characteristics	
Polarization	Polarization
Diameter	483 mm / 19 in
Thickness	7mm/0.26 in Typ.
Weight	1.4 kg / 3 lbs
Operating temperature	-10-40C (-14-40 F)
Mounting location	Floor
color/reflectance	Stage Gray 18% Avg.

Typ. Return Loss



Specifications are typical. Actual performance varies under changing environmental and physical conditions outside the control of RFvenue. Specifications subject to change without notice. Warranty: As stated with delivered item. Soundwave Research Laboratories, Inc. will not repair or exchange any item that has been modified by the user. The design of this product is proprietary and subject to pending and/or issued patents, trademarks and copyrights.