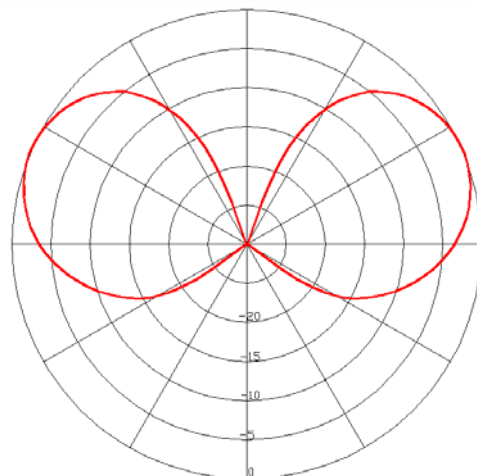
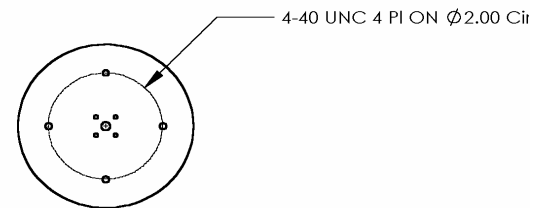
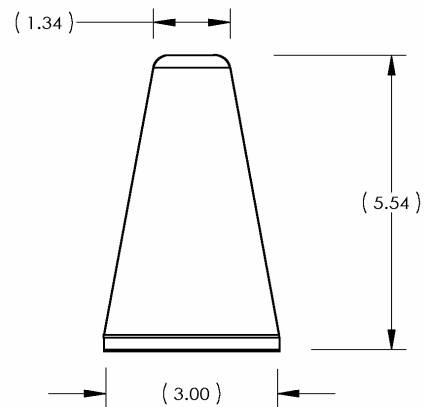
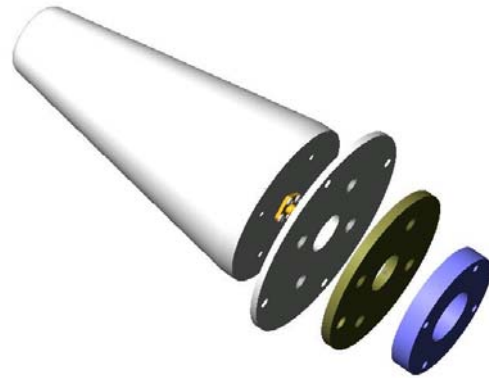




**Epsilon 10 Microdesign**

**SP1530RQ.0**  
**1.5 – 3.0 GHz RHCP Quadrafilar**  
**CONICAL SPIRAL**

The SP1530RQ.0 is a wide frequency and beam width quadrafilar log conical antenna designed to provide omnidirectional coverage with null on boresite. The right hand circular polarization gain is nominally 4 dBic at 25 degrees above horizon. Linear receive applications provide equivalent coverage with 1 dBic gain, respectively. This antenna is designed for airborne and ground applications. Flange adapters include 4" base, 3" Alum for tripod swivel mount, and mast adapter with 1-14 UNF thread. Flanges are removable for flush mount installations.



ELEVATION PATTERN

<b>SPECIFICATIONS:</b>	
Frequency, useable	1.4 –4.0 GHz
Gain:	4.0 dBic
HPBW	60°
Polarity	RHCP
Axial Ratio	2 dB nom
VSWR	< 2:1
Power	20 Watts
Weight	3 Oz
Connector	SMA(f)
Rating	Airborne / Space
Construction	GRP
Finish	Polyurethane white
Mount	4 x 6-32 on 2" cir 4 x #8 on 3.5" cir