

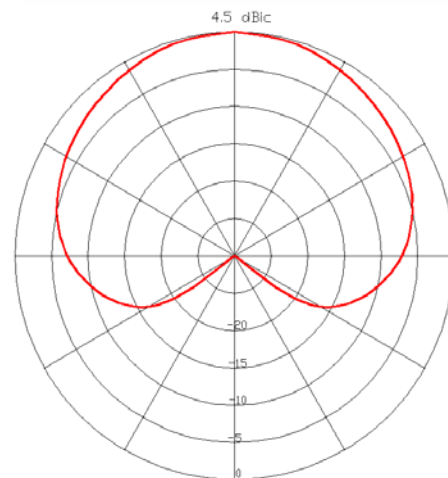
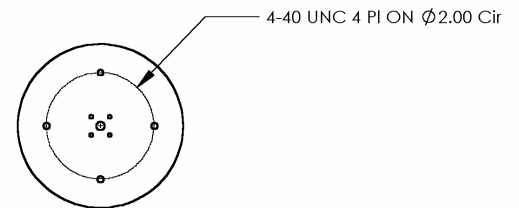
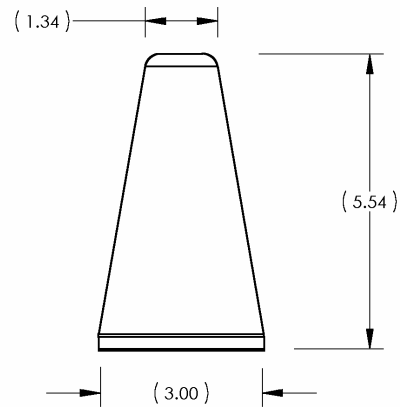
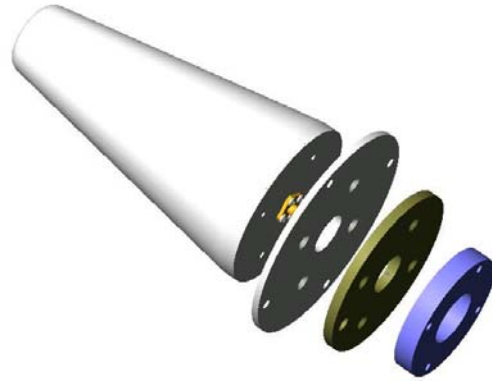


Epsilon 10 Microdesign

SP1727R.0

1.7 – 2.7 GHz RHCP CONICAL SPIRAL

The SP1530R.0 is a wide frequency and beam width bifilar log conical antenna designed to provide hemispherical coverage without nulls from boresite through below the horizon. The right hand circular polarization gain is greater than 4 dBic on boresite axis. 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

SPECIFICATIONS:	
Frequency, useable	1.4 –3.0 GHz
Gain:	4.5 dBic
HPBW	120°
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