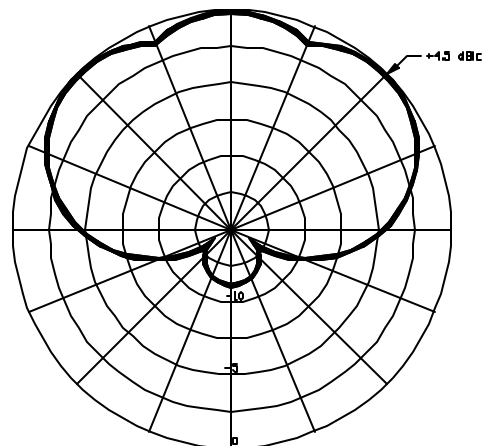
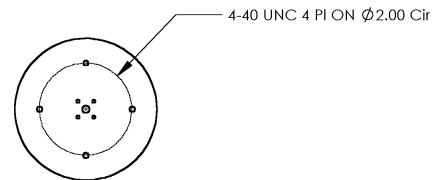
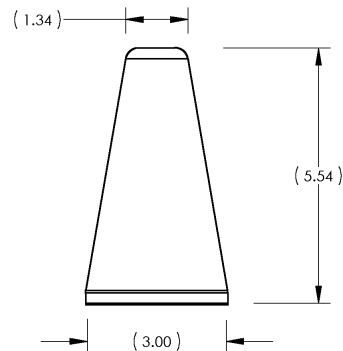
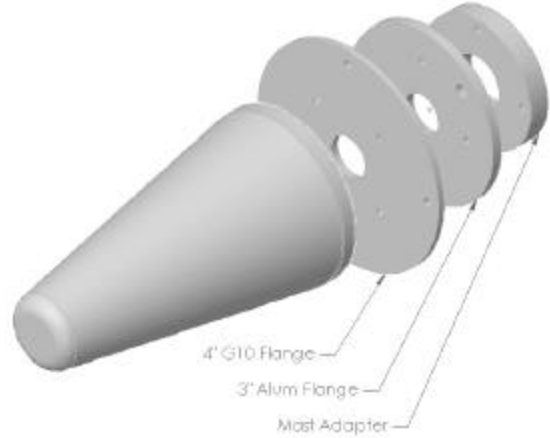


# Epsilon 10 Microdesign

## SP1727R.0

1.7 – 2.7 GHz CONICAL SPIRAL

The SP1727R.0 is a wide frequency and beam width 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	1.7 –2.7 GHz
Gain:	4 dBic
HPBW	120°
Polarity	RHCP
Axial Ratio	3 dB nom
VSWR	< 2:1
Power	20 Watts
Weight	6 Oz
Connector	SMA(f)
Rating	Airborne
Construction	GRP
Finish	Polyurethane white
Mount	4 x 6-32 on 2" cir 4 x #8 on 3.5" cir