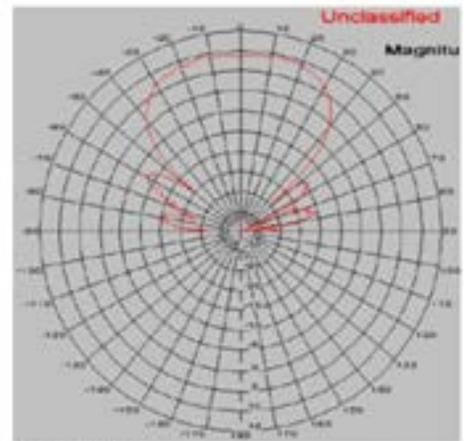
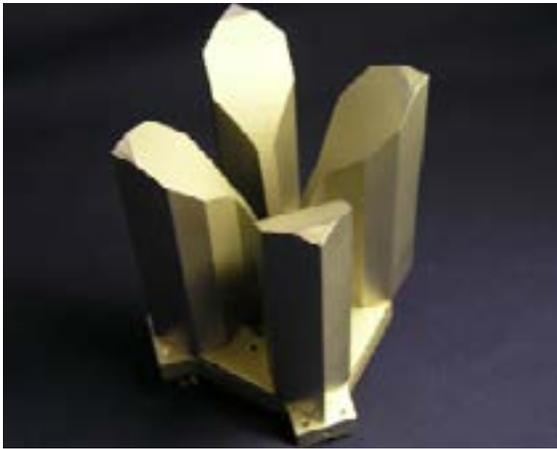


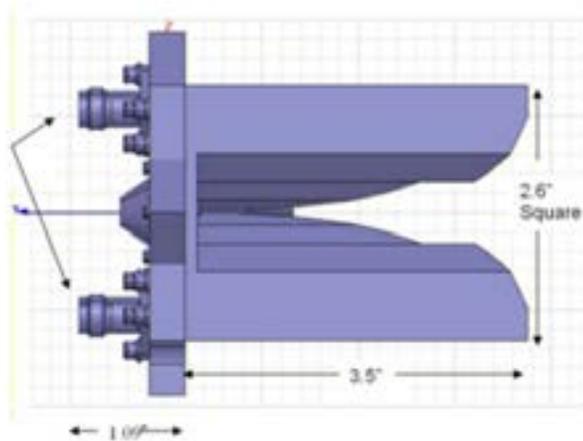
Model 94800568 Dual Polarized Crossed Notch Antenna

CAES Model 94800568 is a dual-linear, high-power, crossed notch antenna that operates over the 2 to 18 GHz frequency range. The antenna VSWR is 2.5:1 maximum and <2.0:1 over 90% of the frequency range. Antenna gain ranges between 5 and 10 dB, and is +8dB nominal. The port-to-port isolation is more than 20 dB and RF power is 500 watts CW at each port simultaneously. Model 94800568 is suitable for high-power ECM applications; it is also suitable for feeding reflector antennas, wide-band antenna arrays and other broadband applications.



E-Plane Port-1 9 GHz

PHYSICAL CONFIGURATION



Model 94800568 Dual Polarized Crossed Notch Antenna

- KEY FEATURES:**
- 9 : 1 Bandwidth
 - High Power
 - Dual Polarized

-
- FREQUENCY RANGE:**
- 2.0 to 18.0 GHz

-
- VSWR:**
- 2.5 : 1 max
 - <2.0 : 1 over 90% of frequency range

-
- GAIN:**
- +8 dB nominal

-
- HPBW:**
- 40+ degrees (nominal)

-
- ISOTROPIC BW:**
- 70+ degrees (nominal)

-
- PORT-TO-PORT ISOLATION:**
- more than 20 dB

-
- SIZE:**
- Approx. 2.5 x 2.5 x 5 in.

-
- RF POWER**
- 500 Watts CW each port simultaneously

-
- WEIGHT:**
- 1.3 lbs.

-
- INPUT:**
- TNC

