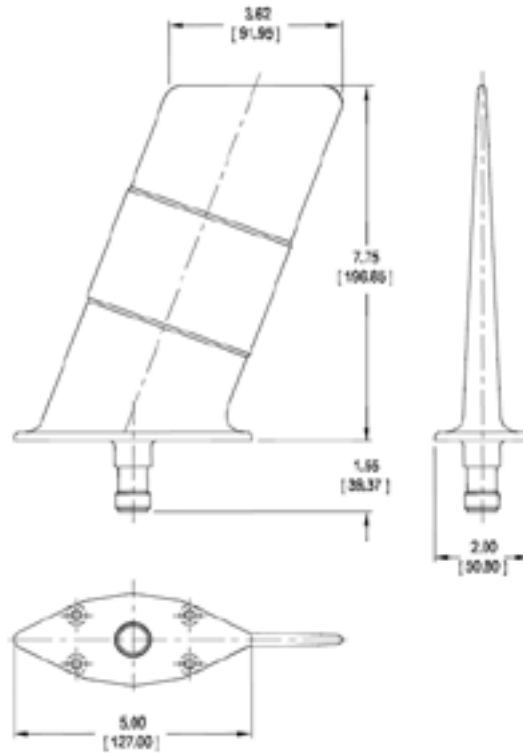


Model 11D29900-2 UHF Blade Antenna

CAES announces a new Blade Antenna. Model 11D29900-1 is a swept blade antenna that replaces models AT840 and AT755-1 and operates over the UHF communications frequency bands. The aerodynamically shaped metal structure is mechanically strengthened to withstand the extreme side loads experienced on high performance aircraft. Designed for Mach 2, the unit is normally provided with black rain erosion protection; however, white epoxy enamel is available.

PHYSICAL CONFIGURATION



Model 11D29900-2 UHF Blade Antenna

- FEATURES :**
- High Performance
 - Erosion Protection
 - Airborne Application
 - UHF Communication
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- FREQUENCY RANGE:**
- 225 to 420 MHz (B-Band)
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- VSWR:**
- 2.7 :1 max. 225 to 230 MHz
 - 2.5 : 1 max. 230 to 250 MHz
 - 2 : 1 max. 250 to 420 MHz
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- NOMINAL GAIN:**
- -3 dB below quarter wave monopole from 225 to 240 MHz
 - -1.5 dB below quarter wave monopole from 240 to 420 MHz
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- POLARIZATION:**
- Vertical
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- RF POWER:**
- 100 Watts avg
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- WEIGHT:**
- 17.3 oz.
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- INPUT:**
- N Jack (feed)
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- TEMPERATURE RANGE:**
- -65° to 260° (continuous)
 - ±315°F (5 minute duration)
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