

4.5 – 5.0 GHz, 3 dB Blade Antenna



The most important thing we build is trust.

This antenna exhibits omni-directional coverage in the azimuth plane with a filled-in null elevation plane providing 3 dBi gain in the frequency range of 4.5 – 5.0 GHz. The blade antenna's rugged, small, aerodynamic shape was built to withstand extreme shock and vibration environments, which is ideal for airborne applications. Being omni-directional in nature, no azimuth adjustment is required to maintain its specific gain.

The blade antenna is also used in stationary applications and ground based applications such as trucks, tanks, racing cars, motorcycles, etc

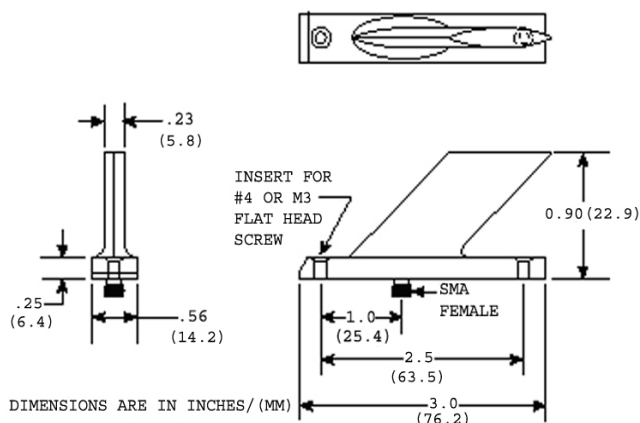
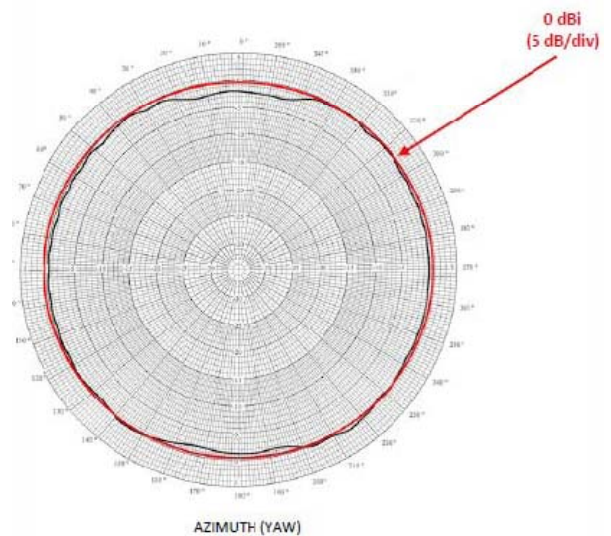
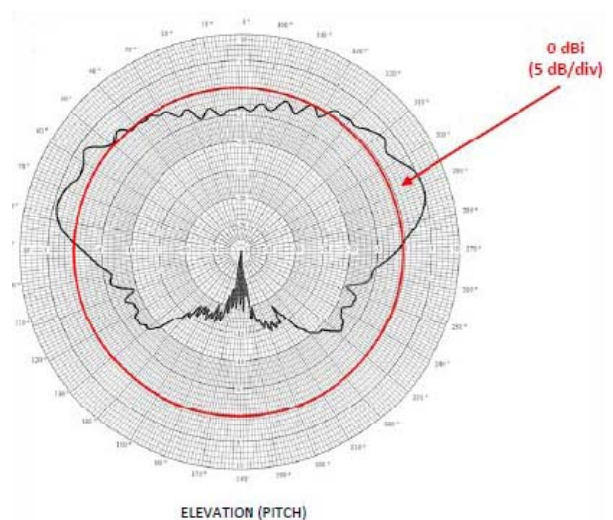
GMS Part # 501-039

Electrical Specifications:

Frequency: 4.5 – 5.0 GHz
 Polarization: Linear, Vertical
 Gain: 3 dBi
 HPBW: 50 Degrees nominal
 Z / VSWR: 50 Ohms / $\leq 1.5:1$
 Power: 30 Watts cw
 Connector: Type 'SMA-FM'

Mechanical Specifications:

Weight: 0.603 oz. (17 Grams)
 Dimensions: 3.0" x 0.56" x 0.90"
 (L x W x D) 76.2 mm x 14.2 mm x 22.9 mm
 Construction: Glass filled nylon
 Aluminum Ground Plane
 Mounting: 2 each insert for #4 or M3 Flat Head Screw
 Rating: Outdoor, Fixed or Mobile



Specifications subject to change without prior notice
 Typical values shown unless min or max is specified
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