

# MB10-128-( ) Marker Beacon Antenna



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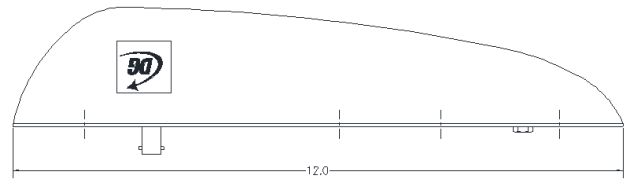
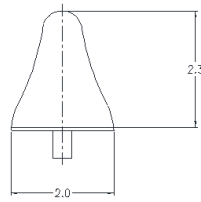
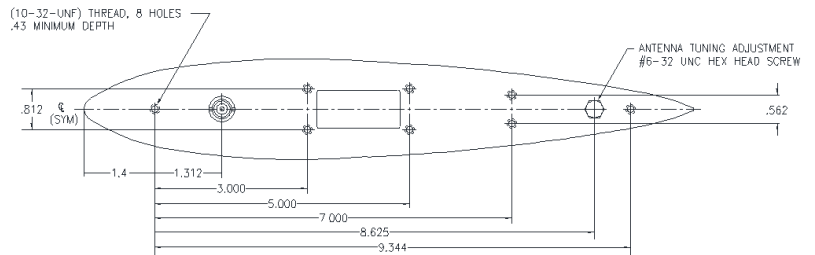


Photo Available Upon Request



## Specifications

### Electrical

Frequency	75 MHz
VSWR	2.0:1
Polarization	Horizontal
Radiation Pattern	Downward looking
Impedance	50 Ohms
Power	VHF: 54W CW L-Band: 8W CW

### Mechanical

Weight	0.75 lbs. max (0.34 kg)
Height	2.3 in (58.4 mm)
Material	Fiberglass & Aluminum
Finish	See Table
Connector	See Table
Mounting	See Table

### Environmental

Speed Rating	600 knots
Temperature	-55 °C to +70 °C
Vibration	3 g <sub>PK</sub>
Shock	6 g <sub>PK</sub> , 11 msec

### Federal Specifications

Approvals	FAA TSO-C35d
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## MB10-128-( ) Marker Beacon Antenna

The MB10-128 is a low-profile Marker Beacon option that dramatically reduces drag. The single-piece fiberglass radome is bonded to an aluminum baseplate to prevent moisture intrusion and to ensure long-lasting performance. The internal components are foamed in place to avoid problems that may arise due to aircraft shock and vibration

### Applications

The MB10-128 marker beacon antenna is an aerodynamically designed short blade antenna that is meant for installation on the metal underside of an aircraft. This location provides an unobstructed downward pattern for the reception of the 75-MHz marker signal.

### Series

DG PN	Finish	Connector	Optional Gasket	Footprint
MB10-128	White	BNC	540685	See Layout above (8x) 10-32 UNF
	Polyurethane		Ultra Seal	
MB10-128-1	White	BNC	540338-1	(6x) 6-32 UNC
	Polyurethane		Alum Foil	
MB10-128-2	Black Epoxy	BNC	540338-1	(6x) Ø 0.201 Thru
			Alum Foil	
MB10-128-3	White	BNC	540338-1	(6x) Ø 0.201 Thru
	Polyurethane		Alum Foil	