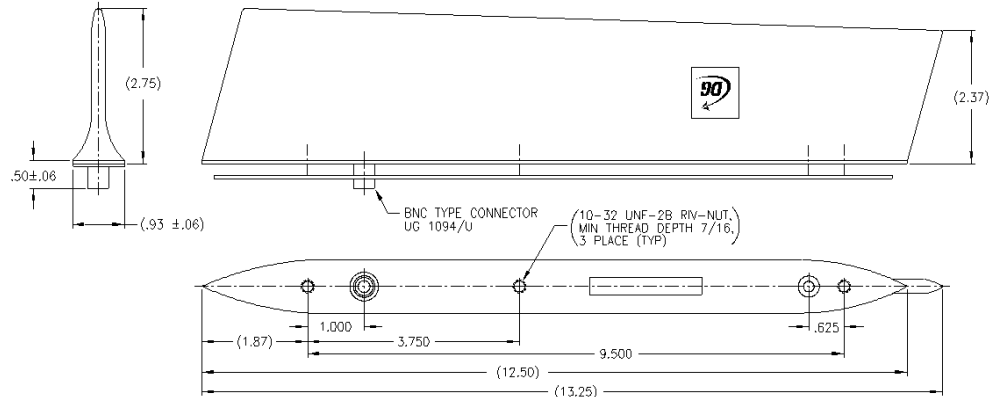


# EMB10-14-( )

## Marker Beacon Antenna



Excellence in Aerospace since 1943



### Specifications

#### Electrical

Frequency	75 MHz
VSWR	2.0:1
Polarization	Horizontal
Radiation Pattern	Downward looking
Impedance	50 Ohms
Power	Receive Only

#### Mechanical

Weight	1.0 lbs. (0.45 kg)
Height	2.75 in (69.9 mm)
Material	Fiberglass
Finish	See Chart
Connector	BNC

#### Environmental

Speed Rating	600 knots
Temperature	-62 °C to +71 °C
Vibration	5 g <sub>PK</sub>
Shock	15 g <sub>PK</sub> , 10 msec

#### Federal Specifications

Approvals	FAA TSO-C35d
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### EMB10-14-( ) Marker Beacon Antenna

The EMB10-14 Marker Beacon Antenna is designed to be mounted on the metal undersurface of an aircraft. This location provides an unobstructed downward pattern for the reception of the 75-MHz marker signal. This antenna is constructed of fiberglass and epoxy materials. The low-profile design dramatically reduces drag. The one-piece fiberglass radome is securely bonded to an aluminum base which is chemically treated to resist corrosion. Internal components are foamed in place to avoid problems that may arise due to aircraft shock and vibration.

#### Series

DG PN	Finish/Color
EMB10-14	White Polyurethane
EMB10-14-1	Flat Black
EMB10-14-2	Grey Polyurethane