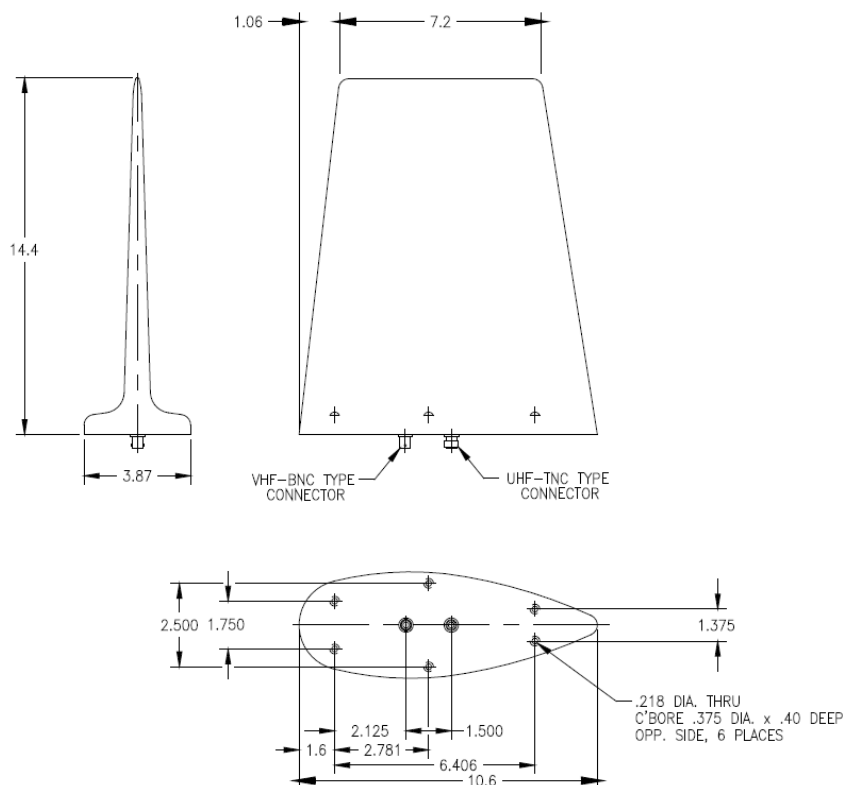


VU10-122-1 & VU10-122-2

VHF/UHF Communications Antenna



The VU10-122-1 is a vertically-polarized, VHF/UHF communications antenna that is constructed of fiberglass and epoxy materials. Its internal structure is foamed in place in order to avoid problems that could be caused by aircraft shock, vibration and moisture intrusion. The antenna has been aerodynamically enhanced to minimize drag. Therefore, it can be utilized on higher speed aircraft. The isolation between the VHF and UHF bands is 40 dB. The military nomenclature is AT-1108.

VU10-122-2: offers gloss white polyurethane finish.

ELECTRICAL

Frequency
116-152 MHz
225-400 MHz

VSWR
2.0:1

Impedance
50 Ohms

Polarization
Vertical

Power Handling
VHF: 40 Watts
UHF: 100 Watts

Radiation Pattern
Omnidirectional

MECHANICAL

Connectors
BNC (VHF)
TNC (UHF)

Weight
3.5 Lbs. max
(1.59 kg)

Height
14.4 in. (365.8 mm)

Finish
Flat Black

Construction
Fiberglass

ENVIRONMENTAL

Speed Rating
450 knots

APPROVALS

MIL-E-5272C