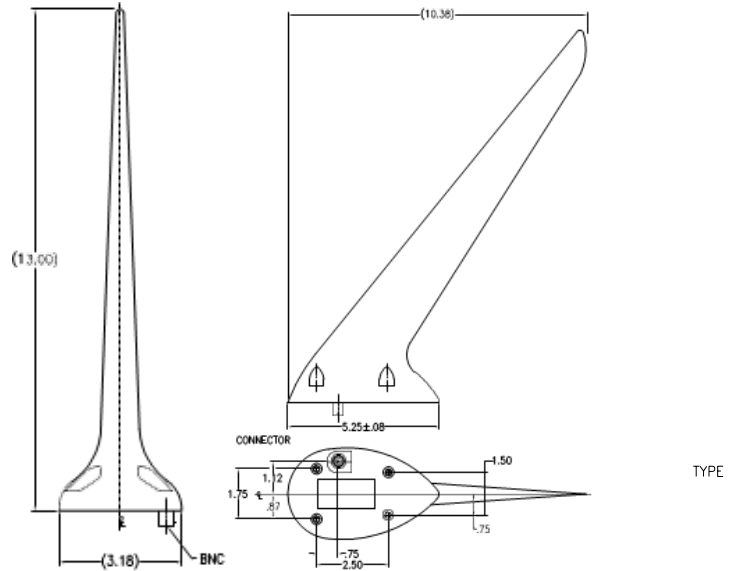


VF10-10-1

VHF Communications Antenna



Excellence in Aerospace since 1943



Specifications

Electrical

Frequency	117.975-137 MHz
VSWR	3.0:1
Polarization	Vertical
Radiation Pattern	Omnidirectional
Impedance	50 Ohms
Power	40 Watts
Gain	-5 dBi at 118 MHz -2.5 dBi at 127 MHz -3 dBi at 137 MHz

Mechanical

Weight	1.25 lbs max (0.567 kg)
Height	13.0 in (330.2 mm)
Material	Fiberglass
Finish	White Polyurethane
Connector	BNC

Environmental

Speed Rating	450 knots
Temperature	-55 °C to 70 °C
Vibration	Funct: 4.12 g _{RMS}
Shock	20 g _{PEAK} , 11 msec

Federal Specifications

Approvals	TSO-C169a
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VF10-10-1 VHF Communications Antenna

The VF10-10-1 is a vertically- polarized, light-weight, VHF Communications Antenna, which operates over the frequency range of 117.975 to 137 MHz. The antenna is constructed of fiberglass and epoxy material to ensure that shock and vibration will not damage the internal assembly and degrade the performance. Foam is used to fill and protect the internal components.

Accessories and Options

Gasket DG PN 540685

TYPE