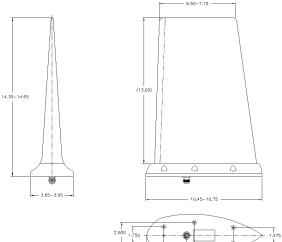
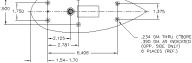
# **720032-()** VHF/UHF Antenna



### Excellence in Aerospace since 1943







# **Specifications**

### Electrical

Licotificat	
Frequency	20-88 MHz
	108-174 MHz
	225-550 MHz
VSWR	3.0:1
Polarization	Vertical
Radiation Pattern	Omnidirectional
Impedance	50 Ohms
Power	50 Watts CW
Gain	See Chart

## Mechanical

Weight	4.0 lbs max (1.8 kg)	
Height	15.0 in (381 mm)	
Material	Fiberglass	
Color	Flat Black	
Connector	TNC Female	

# 720032-() VHF/UHF Antenna

The 720032-() series is a light-weight, high-performance VHF/UHF antenna. This antenna is designed to operate over an extended frequency band. It was derived from the AS3191/A. A DC-grounded element provides lightning protection.

### **Applications**

Antenna is designed to operate in extreme environments.

### **Series**

DG PN	Connector Type	Number of Mounting Holes	Color / Finish
720032	TNC Female	6	Flat Black
			Rain Resistant Tape on Leading Edge
720032-1	TNC Female	6	Gloss White
			Rain Resistant Tape on Leading Edge

# **Environmental**

Speed Rating	Mach 1.0	Access
Temperature	-54 °C to 71 °C	_
Side Load	12+ psi	Free
Vibration	12.1 Grms	
Shock	15 G <sub>РК</sub>	
Federal		
Specifications		
Approvals	Meets MIL-STD-810D	

### Approvals

### **Accessories and Options**

Frequency (MHz)	Peak Gain (dBi)
20	-38.0
30	-27.0
60	-20.0
88	-15.0
108	-10.0
130	-7.0
152	-5.0
174	-2.5
225	1.5
300	1.0
400	-1.0
512	0

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