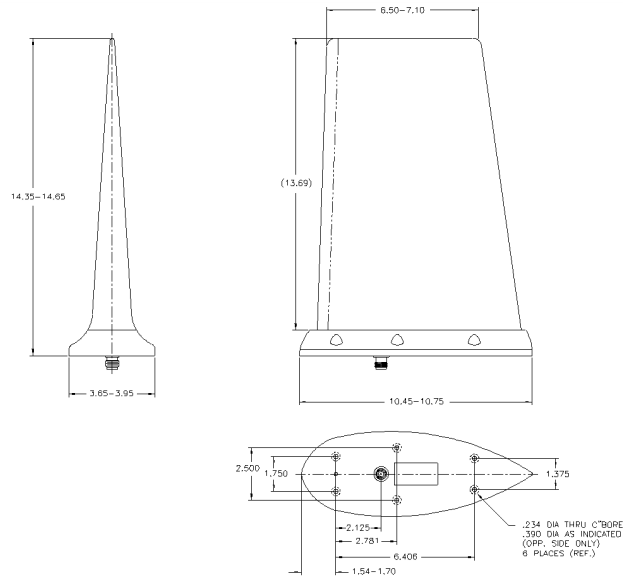


720032-() VHF/UHF Antenna



Excellence in Aerospace since 1943



Specifications

Electrical

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

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

Speed Rating	Mach 1.0
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Temperature	-54 °C to 71 °C
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Side Load	12+ psi
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Vibration	12.1 G _{RMS}
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Shock	15 G _{PK}
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Federal Specifications

Approvals	Meets MIL-STD-810D
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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

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