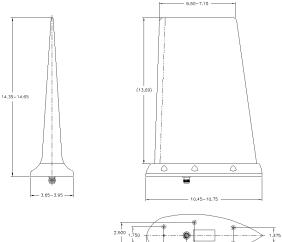
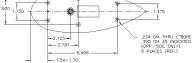
720032-() VHF/UHF Antenna



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 _{РК} | |
| | | |
| 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 |
| | |

Dayton-Granger, Inc. | 3299 SW 9th Avenue | Fort Lauderdale, FL 33315 | Tel. (954) 463-3451 | Email: sales@daytongranger.com | www.daytongranger.com The information contained herein is subject to change without notice. This document features products and data to which Dayton-Granger, Inc. ("DG") maintains proprietary rights. The granting of access to this document does not convey ownership rights to the information contained herein nor a license to use this information to manufacture or reverse engineer DG's products or create variants thereof. Copyright 2020 Dayton-Granger, Inc.