

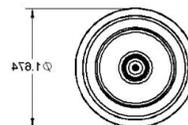
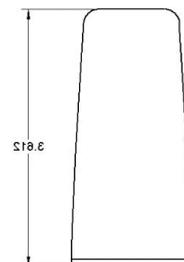


### 5G Ultra-Wide Band Locomotive Antenna

- Expansive coverage form 600 MHz to 7.2 GHz
- Supports 5G NR FR1/WiFi 6e/CBRS/Band14/Bluetooth and more
- Meets MIL-STD 180/AREMA/IPX 7/SAE J1455 Safety Standard
- Perfect for Locomotive applications:
  - Rugged, Low Profile Construction minimizes potential for collision with branches and other objects
  - In the event of a blunt force collision, the Radome is designed to break free without incurring any structural damage to the antenna farm

### Performance Specifications

Frequency Range (MHZ)	600 - 960	1700 - 7200
Bandwidth (MHZ)	360	5500
VSWR	<3.0:1	<2.5:1
Average Efficiency (%)	84%	88%
Average Peak Gain (dBi)	3.69	7.66
Polarization	Vertical	
Radiation Pattern	Omni-directional (Azimuth)	
Input Impedance	50 Ohms (Nominal)	
Continuous Power Rating	50 Watts	
Overall Height	3.62 inches	
Overall Diameter	1.67 inches	
Weight	Antenna: 3.39 Oz NMO Base: 2.34 Oz	
Connection	HF-NMO (5/8" Mounting Hole Required)	
Radome Material	UV Stabilized PC/PBT	
Temperature Range	-40 to 160°F	



Efficiency & VSWR vs. Frequency

