

*Please note the Iridium antenna connector is now a TNCM connector. New specifications and drawings will be provided shortly.

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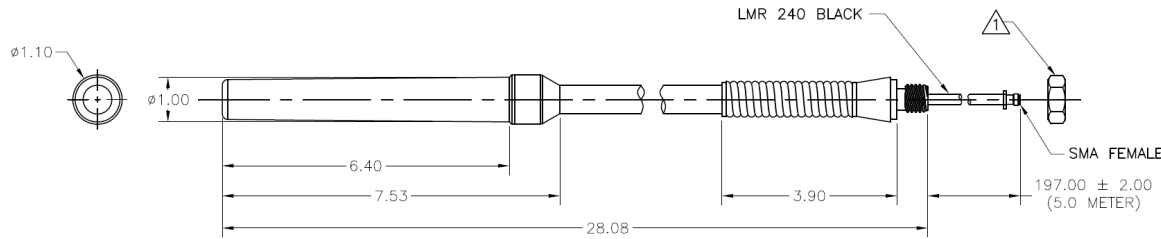
REVISIONS			
SYM	DESCRIPTION	DATE	APPROVED
2	ENGINEERING RELEASE	07/22/08	

NOTES: UNLESS OTHERWISE SPECIFIED

- 1. NUT 5/8"- Supplied by Beam
- 2. TOLERANCES: .XX = ±.03
.XXX = ±.010

SPECIFICATION:

FREQUENCY: 1616-1626 MHz
 POLARIZATION: RIGHT HAND CIRCULAR
 AXIAL RATIO: 3 dB MAX AT BORE SIGHT.
 RADIATION COVERAGE: +.04 dBic 0° = 0°
 +1.4 dBic 0° < θ < 45°
 -0.25 dBic 75° ≤ θ < 82°
 IMPEDANCE: 50 OHMS
 VSWR: ≤2.0:1
 POWER HANDLING: 20 WATT
 FINISH: WEATHERABLE POLYMER BLACK
 CONNECTOR: SMA FEMALE
 WEIGHT: 20 OZ
 ALTITUDE: 20,000'
 TEMPERATURE: -40°C TO +85°C



DO NOT SCALE THIS DRAWING REMOVE BURRS AND BREAK SHARP EDGES: PART TO BE CLEAN AND OIL FREE ALL DIMENSIONS ARE IN INCHES DIMENSIONING & TOLERANCING PER ASME Y14.5M-1994 TOLERANCES: HOLE DIA. TOLERANCE .0135 - .125 +.004 .126 - .250 +.005 .251 - .500 +.008 .501 - .750 +.008	DRAWN 07/22/08	<p>AeroAntenna Technology Inc AS9100 CERTIFIED CO.</p>	<p>TITLE</p> <p>Beam Iridium WHIP antenna</p>	SIZE B	CAGE CODE OUVG2	DRAWING NO. RST 714	REV 2	
<p>✓ SURFACE ROUGHNESS MACHINED PARTS VES MOLDED PARTS V32</p>	CHECKED 07/24/08			ENGR 07/24/08	MFG	G.A.	APPROVED	DRAWN IN MCAD