

Centurion Internal GPS

Model Number:

CAF94827
CAF94864

Telematics Antenna

Specifications:

- High gain antenna for excellent satellite reception
- Compact, ideally suited for stealth applications
- Built-in ground plane to allow mounting anywhere

Frequency Range	1575.42 MHz
Element Gain	2.5 dBic @ Zenith RHCP
VSWR	2.0:1 Max
Output Impedance	50 ohms
LNA* Gain	30 dBi (typical)
LNA Noise Figure	1.5 dB Max (+23°C)
Output Band Rejection	-25 dB Min. @ fo ± 50 MHz
Power Consumption	15 mA Max
Operating Voltage	3.0 V ± 0.3 V
Dimensions (L x W x H)	63.5 x 63.5 x 13 mm

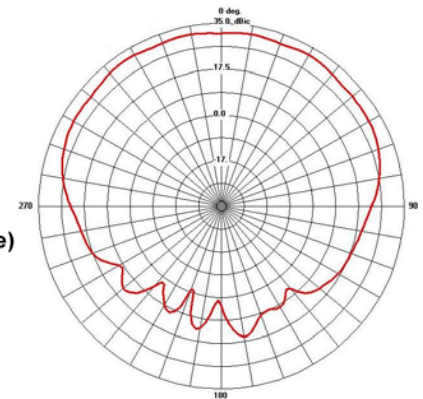
*LNA – Low Noise Amplifier



Environmental Specifications:

Corrosion	5% NaCl for 96hrs
Temperature Range	-40°C to +85°C
Thermal Shock	-40°C / +80°C 100 cycles
Humidity	65°C 95% RH non-condensing
Shock	1m drop on concrete 6 axes
Cable Pull	10lbf linear pull

1575 MHz
Elevation 90
(On 1 meter sq. ground plane)



Cables & Connectors:

Part Number	Cable	Connector
CAF94827	5 ft. Black RG-174 Coax	SMA - Male
CAF94864	(When combined with CAF94837 MicroBlade antenna)	

*Can be customized with different connectors and cable length.

Specifications subject to change without notice.

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