

Water Resistant Internal Mercury™

Part Number (P/N):

AMPS & GPS Telematics Antenna

CAF94195

Features:

- Splash resistant housing that resists exposure to spray, washing, etc.
- High gain AMPS antenna for maximum coverage
- Suitable for installation inside non-metallic trailer bodies

Electrical Specifications:

	AMPS Specifications	GPS Specifications
Element Type	Microstrip	Dielectrically Loaded Patch
Frequency Ranges	824 - 896 MHz	1575.42 MHz
Gain	3 dBi Nominal	26 dBi Nominal
Polarization	Linear	RHCP
Impedance	50 ohms	50 ohms
Input Power (max)	10 watts	
Axial Ratio		3 dB Max
VSWR (min performance)	2:1 MAX	2:1 Max
LNA* Gain	-	27 dB
LNA* Noise Figure	-	1.5 dB MAX (23 ⁰ C)
LNA* Supply Voltage	-	4.5 - 5.5 VDC
LNA* Current Consumption	-	28 mA @ 5 VDC
Dimensions (L x W x H)	5.7" x 4.2" x .8"	
Radome Material	Splash resistant ABS	

* LNA – Low Noise Amplifier

Cable & Connector:

Antenna P/N	Patch Connector	GPS Connector	Cable Length
CAF94195	SMA-Male	SMB-Male	*3 m

* Supplied with black low-loss RG-174 coax



Specifications subject to change without notice.

WR Int Mercury – 4/1/03