

3V External Mercury

Telematics Antenna

Part Number (P/N):

AMPS/PCS/GPS **GSM/DCS/GPS**
CAF94573 **CAF94574**

Specifications:

(Without Standard 10' cable)

- High Performance antenna for external mounting
- Weatherproof housing and low profile offers excellent solution for trucks, trailers and tall vehicles
- Two dual-band designs cover major mobile communication frequencies
- Works on and off ground plane

	AMPS	PCS	GSM	DCS	GPS
Frequency Ranges (MHz)	824 - 896	1850 - 1990	880 - 960	1710 - 1880	1575.42
Peak Gain*	3.5 dBi	3.5 dBi	3.5 dBi	3.5 dBi	30 dBi (at 90°)
Axial Ratio	~		~		3 dB Max
VSWR (min performance)	2:1 MAX		2:1 MAX		2:1 MAX
GPS LNA Noise Figure	~		~		1.5 dB MAX (23° C)
LNA Supply Voltages	~		~		2.7 - 3.3 VDC
LNA Current Consumption	~		~		18 mA Typ 25mA Max
Housing Material	Black PC/ABS blend				
Dimensions					
Operating Temperature	-40° to +70°C				
Storage Temperature	-40°to +85°C				

*Measured on 1 meter ground plane

LNA - Low Noise Amplifier

AMPS/PCS/GPS Antenna Configurations:

Part Number	Mounting Option	Patch Connector	GPS Connector	Cable Length
CAF94573	Magnet	TNC	SMA	*15 ft

*Plenum rated RG-174 cable

GSM/DCS/GPS Antenna Configurations:

Part Number	Mounting Option	Patch Connector	GPS Connector	Cable Length
CAF94574	Magnet	FME f	SMA	*5 m

*Plenum rated RG-174 cable



Specifications subject to change without notice.

3V External Mercury 12/02/03