



## Pro Series

### GPS External IP67 Antenna

## Product Description

Parsec's PTA-PRO1S-GPS-XXX is a small footprint one-in-one GPS external waterproof antenna. The PTA-PRO1S-GPS-XXX is optimized for small footprint to fit the top of common electrical equipment boxes. The strong tamper resistant housing with no exposed connections or mounting hardware is ideally suited for use with self-service kiosks in public areas. The antenna requires a single 1 inch mounting hole.

Detailed product information and options are available under NDA. Patent pending.

### Features

- **Omni-directional**
- **Small footprint**
- **High efficiency**

### Applications

- **External M2M, IoT Applications**
- **SCADA, Industrial monitoring**
- **Oil and natural gas fields**
- **Self-service kiosks**

## Electrical Specifications

ID	Port	Parameters	Units	Typ.
<b>Radiated Efficiency</b>	GPS	1575.42	%	80
<b>Peak Gain</b>	GPS	1575.42	dBi	6
<b>Return Loss (50 Ω)</b>	GPS	1575.42	dB	12
<b>Polarization</b>	GPS			RHCP
<b>GNSS Preamp Gain</b>	GPS		dB	28
<b>GNSS Preamp Voltage</b>	GPS		V	2.2 to 5.0
<b>RF Connector</b>	GPS			SMA(M)
<b>RF Cable Type</b>	GPS			RG-174
<b>RF Cable Length</b>		Choice of 1, 2, or 6 foot cable		

**Mechanical**

<b>Dimensions</b>	3.8 inch diameter x 2.65 inch height
<b>Mounting Hole</b>	Single 1 inch

**Environmental**

<b>Operating Temperature</b>	-40°C to 85°C
<b>Rating</b>	IP67 waterproof



**Figure 1. Product Picture**

## Contact Information

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## Ordering Information

Part Number	PTA-PRO1S-GPS-001	1 foot long cables
	PTA-PRO1S-GPS-002	2 foot long cables
	PTA-PRO1S-GPS-006	6 foot long cables

Add -B for Black Radome, -W for White Radome

Custom cable lengths available

Packing for Shipment          Protective box, qty. 1 per box.