

RF & GPS Antennas for PCTEL Scanning Receivers

Precision Antennas, Maximum Performance

PCTEL mobile RF antennas are qualified and recommended for use with SeeGull[®] scanning receivers. The wideband performance of these antennas provides outstanding coverage across multiple frequency bands with no tuning required.

Multi-Band Magnetic Mount RF Antennas

Magnetic Mount RF Antennas can be conveniently installed on any metal surface, on a surface with a grounding plate, or with an optional permanent mount adapter.



RF & GPS ANTENNAS
Permanent Mount RF and Magnetic Mount with GPS Option

● **OP123** | 450 – 512 MHz

● **OP278H** | 698 – 3800 MHz

● **OP379H** | 698 – 3800 MHz with GPS

Mounting Accessories

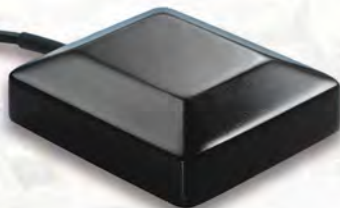
- **OP087** | Permanent Mount for Low Profile Vertical Antennas
- **OP179H** | Replacement Magnetic Mount Base, High Performance with GPS
- **OP212H** | Replacement Magnetic Mount Base, High Performance

RF & GPS Antennas for PCTEL Scanning Receivers

High Performance Magnetic Mount GPS Antenna

The high performance, high gain OP034H GPS antenna features a low profile rugged housing and has outstanding interference rejection.

● **OP034H** | GPS



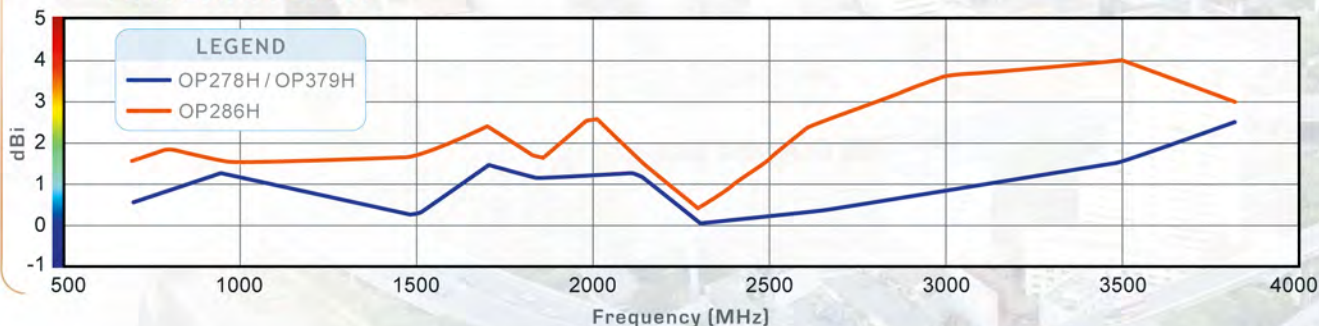
Multi-band Permanent Mount RF Antenna

PCTEL's OP286H antenna uses a High Frequency Permanent Mount that can be conveniently installed through a 3/4" [19 mm] hole on any metal surface.

● **P286H** | 698–3800 MHz



ANTENNA GAIN



SPECIFICATIONS

		OP123 Magnetic Mount	OP278H Magnetic Mount	OP379H Magnetic Mount with GPS	OP286H Permanent Mount
Antenna	RF Frequency	450 – 512 MHz		698 – 3800 MHz	
	Gain	Unity*	Refer to Antenna Gain graph above.		
	Impedance	50 Ω			
	VSWR	< 1.5:1	< 2.0:1		< 2.3:1
	Connector	Male SMA RF	Male SMA RF	Male SMA RF Male SMB GPS	Male SMA RF
	Physical (Antenna)	3.38" H x 1.5" OD 86 mm H x 38 mm OD	2.4" H x 1.5" OD 61 mm H x 38 mm OD		
Cable	Physical (Mount)	3.31" OD (84 mm OD)	3.31" OD (84 mm OD)		Requires 0.75" (19 mm) hole
	Type	LMR-240-UltraFlex	LMR-240-UltraFlex		ProFlex™ Plus 195
	Length	12 ft (3.7 m)	12 ft (3.7 m)		12 ft (3.7 m)**
	OD	0.240" (6 mm)	0.240" (6 mm)		0.195" (5 mm)

* Antenna measured on a 1x1 foot (30.48 x 30.48 cm) ground plane. Gain does not include base or coax cable losses.

** 17 foot (5.2 m) version also available.

scanners@pctel.com



PCTEL, Inc. RF Solutions
20410 Observation Drive Suite 200
Germantown Maryland USA 20876

rfsolutions.pctel.com | p +1 301 515 0036 | f +1 301 515 0037

QMS Certified ISO 9001:2008
10MRK3-10 RevH May 2017
Specifications subject to change without notice.