

Sharkfin Multiband Roof Mount Antenna

PCTEL's GPSDBHF Sharkfin antenna provides dual band omnidirectional coverage of Wi-Fi frequencies in an attractive, low profile housing. Its low profile through-hole footprint offers an attractive antenna design that provides optimal sealing for leakage resistance.

Features

- Low, aerodynamic profile eliminates wind noise commonly experienced with external mount vehicular applications
- Overmolded gasket design provides optimal sealing from condensation and water ingress
- Integrated antenna mast design provides secure installation to the vehicle
- UV stability for outdoor applications



GPSDBHF
"Sharkfin" Dual Band Antenna

Multi-band Antenna Electrical Specifications

Model	Operating Frequencies	Antenna Peak Gain
GPSDBHF	2.4-2.5 GHz 4.9-5.9 GHz	0 dBi (both frequencies)

Mechanical Specifications

Model	Frequencies Covered	Number of Pigtails
GPSDBHF	Wi-Fi/Public Safety/WiMAX	1*

Environmental Specifications

Operating Temperature Range	Humidity Rating
-40°C to +85°C	95%

Technical Data

Maximum Power:	5 watts
Input Impedance:	50 ohms
VSWR:	< 2.0:1
Grounding Protection:	DC grounded
Housing:	Black, UV protected ABS
Housing Dimensions (major axis x minor axis x height):	97 mm (3.8") x 60 mm (2.4") x 70 mm (2.8")
Cable:	12 ft Pro-Flex™ Plus 195, black
Mount Method:	0.75" through hole mounting
Ingress Protection:	IP56

* Includes a single pigtail terminated with Reverse Polarity, Reverse Threaded Male SMA plug. Call customer service for other connector options. This model does not include GPS.