



PCTEL - PERFORMANCE CRITICAL FLEET MANAGEMENT ANTENNAS

FEATURING

- Multiple ports in a single housing
- LMR, 4G LTE, 802.11n, ac coverage
- Best in class 4G LTE and Wi-Fi MIMO technology
- Patented ultra-wideband designs
- Optimized coverage and carrier grade efficiency
- High rejection GPS and GNSS to mitigate interference
- Permanent and magnetic mount options
- Rugged, aesthetically pleasing designs
- Smart antennas with integrated receivers
- GLONASS and Beidou capability available on select models *

* Consult Customer Service for options.



PRODUCT SELECTION MATRIX

Features						Cellular Frequencies								Wi-Fi Frequencies		
Product Series comprise various models. Not all models offer all available features. For technical details, refer to PCTEL catalog.	Multi-Band GPS Combination	MIMO (Multiple Input, Multiple Output) Capable	Number of Leads	Radome Color: Black (B), White (W),	Various Mounting Options: Permanent (P), Magnetic (M), Tape (T)	380-450 MHz	698-960 MHz	698-2200 MHz	806-960 MHz	824-896 MHz	1575.42 MHz	1710-2170 MHz	1710-2700 MHz	802.11a	802.11b/g	802.11n
GPSHPDLTEWIFI-SF	√	√	4	B,W	P,M,T		√		√	√	√	√	√	√	√	
GPSHPDLTEMIMO-SF	√	√	5	B,W	P,M,T		√		√	√	√		√	√	√	√
GPSHPDLTE-SF	√	√	3	B,W	P,M,T		√		√	√	√		√			√
GPSHPSM-SM-SM	√		3	B,W	P		√	√	√	√	√		√	√	√	
GPSHPMIMO	√	√	4	B,W	P		√	√	√	√	√		√	√	√	√
GPSHP-UWB	√		4	B,W	P	√	√		√	√	√		√		√	
GPSGSMMSMA	√		2	B	P,T					√	√					
GPSGSMMSMA	√		2	B	M,T					√	√					
PCTHPDLTEMIMO-SF		√	4	B,W	P,M,T		√		√	√			√	√	√	√
PCTHPMIMO		√	3	B,W	P,T									√	√	√
PCTHPMIMO-4-SF		√	4	B,W	P,M,T									√	√	√
PCTHPDLTE-SF		√	2	B,W	P,M,T		√		√	√			√			√
PCTMDL	√		3	B	P				√	√	√			√	√	

PRODUCT CONFIGURATOR GUIDE

GPHPD - 240 - B1 - T1 - T1 - T2 - T2 - N

GPSHP Series	Cable Length	GPS Connector	LTE Connector	LTE Connector	Wi-Fi Connector	Wi-Fi Connector	Connector Attachment
Dual LTE, Permanent, White	20 feet	BNC Male	TNC Male	TNC Male	TNC Reverse Polarity Male	TNC Reverse Polarity Male	Connectors not attached

PLATFORM NAME
GPHP = Permanent, Black
WGPSHP = Permanent, White
GPHPD = Dual LTE, Permanent, White
BGPSHPD = Dual LTE, Permanent, Black
GPHPDM = Dual LTE, Magnetic, White
BGPSHPDM = Dual LTE, Magnetic, Black
GPHPWB = Ultra Wide Band, Permanent, Black
WGPSHPWB = Ultra Wide Band, Permanent, White
GTPU = Low-Profile, Permanent, Black
GTMU = Low-Profile, Magnetic, Black
PMDL = Medallion™, Permanent, Black
GPHPM = MIMO, Permanent, Black
WGPSHPM = MIMO, Permanent, White
GPML = MIMO, "Light", Permanent, Black
WGPML = MIMO, "Light", Permanent, White

CABLE LENGTH
Cable is available in length by inch. Longer cable will lead to higher potential loss.
ex. 010 = 10 in
ex. 150 = 14 ft 6 in (150 in)
ex. 300 = 25 ft (300 in)

OPTIONAL CONNECTOR ATTACHMENT
[Does not appear in every part number]
Connector comes attached unless denoted with an 'N' following the connector type
N = Connector Included (not attached)

CONNECTOR TYPE *
B = BNC
N = N
S = SMA
P = PL259
M = Mini-UHF
T = TNC
U = SMB

CONNECTOR TYPE *
1 = Male
2 = Male reverse polarity
3 = Male right angle
4 = Female
5 = Female reverse polarity
6 = Female right angle
7 = Male soldered
8 = Female soldered



* Consult Customer Service for other connector options and to verify connector compatibility with cables.
© 2016 PCTEL, Inc. All Rights Reserved. Product prices, materials and specifications are subject to change without notice.

610095-1116