DATASHEET ANTENNA PRODUCTS

PCTMAG-HD Heavy Duty Magnetic Mount Series

Magnetic Mounts



PCTMAG-HD PCTMAG-HD-NT PCTMAG-HD-NF

PCTEL

ADVANTAGES

PCTMAG-HD Heavy Duty Magnetic Mount Series

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Easy to install and extremely rugged, this magnetic antenna mount platform provides robust magnet pull strength properties that keep the unit firm under high vibration conditions. All models in this platform have been tested and comply with SAE J1455 environmental standards. They are ideal for outdoor installations subject to severe environmental conditions, including agriculture, forestry, mining, sanitation, and public safety applications.

PCTEL Antenna Compatibility

Please select the recommended PCTMAG-HD model as shown below, according to the PCTEL antenna platform that will be used in your installation.

Antenna Platforms				Recommended Mount	Magnet Pull Strength
PCTCN *118 - 940 MHz*	**BMAX** *118 - 945 MHz* *1850 - 1990 MHz* *2.2 - 3.8 GHz*			**PCTMAG-HD** *0 MHz to 8 GHz*	86.6 lbs (typical)
PCTWSLMR-2 *136 - 174 MHz* *380 - 520 MHz* *698 - 960 MHz*	**BMLPV** *600 - 960 MHz* *1710 - 2700 MHz*	**MUF** *450 - 470 MHz* *306 - 866 MHz* *896 - 940 MHz*	**MHB** *132 - 174 MHz* *144 - 174 MHz*	**PCTMAG-HD-NT** *0 MHz to 8 GHz*	86.6 lbs (typical)
BMHO (N Male interface) *2.4 - 2.5 GHz / 4.9 - 5.9 GHz*	**BOA (N Male interface)** *2.4 - 2.5 GHz (WiFi models) and 3.4 - 3.8 GHz (CBRS model).* **BOAH (N Male interface)** *2.4 - 2.5 GHz* *5.1 - 5.9 GHz*			**PCTMAG-HD-NF** *0 MHz to 8 GHz*	70 lbs (typical)

SPECIFICATIONS

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Standard Configurations

Model	Coax	Connector	Tab	Color	Weight	Dimensions	Use only with PCTEL Antenna Platforms
Black 3-1/4" diameter magnetic mount; 1-1/8"-18 thread interface. For 0 MHz to 8 GHz frequencies. Magnet Pull Strength: 70 lbf							
PCTMAG-HD	12-feet Pro-Flex Plus 195	Attached TNC Male	18-8 Stainless Steel	Black	0.92 lbs (14.72 oz)	ø 83.8 mm (3.3") 93.9 mm (3.7") width with tab	Chrome nut and BMAX
PCTMAG-HD-NT	15-feet Pro-Flex Plus 195	Attached TNC Male	None	Black	0.79 lbs (12.64 oz)	ø 89.7 mm (3.53")	Chrome coil and MLPV
Black 3-1/4" diameter magnetic mount; N Female interface. For 0 MHz to 8 GHz frequencies.							
PCTMAG-HD-NF	15-feet Pro-Flex Plus 195	Attached SMA Male	None	Black	0.56 lbs (9 oz)	ø 87.8 mm (3.46")	MHO and BOA with N Male termination

CONTACT US

For more information about this product contact your sales representative or visit

> pctel.com/antenna-products

Solving Complex Wireless Challenges

PCTEL is a leading global provider of wireless technology, including purpose-built Industrial IoT devices, antenna systems, and test and measurement solutions. Trusted by our customers for over 25 years, we solve complex wireless challenges to help organizations stay connected, transform, and grow.

PCTEL, Inc.

T: +1 630 372 6800 | pctel.com

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