PCTMAG-HD Heavy Duty Magnetic Mount Series

Magnetic Mounts



PCTMAG-HD-NT

PCTMAG-HD-NF





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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 M 1850 - 199 2.2 - 3.8 GH	0 MHz					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 N 1710 - 270		MUF MHB 450 - 470 MHz 132 - 174 MHz 306 - 866 MHz 144 - 174 MHz 896 - 940 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)



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Standard Configurations

Model	Coax	Connector	Tab	Color	Weight	Dimensions	Use only with PCTEL Antenna Platforms
Black 3-1/4" diam	neter magnetic m	ount; 1-1/8"-18 t	hread interface.	For 0 MI	Hz to 8 GHz fre	equencies. Magnet P	ull 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" diam	eter magnetic mo	ount; N Female ir	terface. For 0 N	/Hz to 8 (GHz frequenci	es.	
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

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.



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