

MANET/MIMO Antennas



Pharad offers a large selection of omni-directional antennas developed specifically for the most popular MANET and MIMO radio systems. Pharad's innovative technical team is the only one in the industry that has been able to develop matched pairs of vertically and horizontally polarized omni-directional antennas for these MANET and MIMO radios. These Pharad antennas are offered in a variety of mounting systems, including gooseneck, spring, and rigid or fixed mounting bases. The standard antennas feature TNC male connectors, but can also be supplied with either N-type male or TNC reverse polarity connectors.

MANET/MIMO Radio Antenna Products

	Frequency	Polarization	Mounting	Typical Gain	Model Number	Antenna Size (L x Ø)
Single Band	1350 - 1390 MHz	Horizontal	Fixed	3.0 dBi	FH-1350-1390	8.6" x 1.2"
		Horizontal	Gooseneck	3.0 dBi	GH-1350-1390	13.1" x 1.2"
		Horizontal	Spring	3.0 dBi	SH-1350-1390	11.6" x 1.2"
		Vertical	Fixed	3.0 dBi	FV-1350-1390	8.4" x 0.7"
		Vertical	Gooseneck	3.0 dBi	GV-1350-1390	12.8" x 0.7"
		Vertical	Spring	3.0 dBi	SV-1350-1390	11.4" x 0.7"
	2200 - 2500 MHz	Horizontal	Fixed	5.1 dBi	FH-2200-2500	8.6" x 1.2"
		Horizontal	Gooseneck	5.1 dBi	GH-2200-2500	13.1" x 1.2"
		Horizontal	Spring	5.1 dBi	SH-2200-2500	11.6" x 1.2"
		Vertical	Fixed	5.1 dBi	FV-2200-2500	8.4" x 0.7"
		Vertical	Gooseneck	5.1 dBi	GV-2200-2500	12.8" x 0.7"
		Vertical	Spring	5.1 dBi	SV-2200-2500	5.9" x 0.7"
	4400 - 5000 MHz	Horizontal	Fixed	5.4 dBi	FH-4400-5000	10.3" x 0.7"
		Horizontal	Gooseneck	5.4 dBi	GH-4400-5000	8.9" x 0.7"
		Horizontal	Spring	5.4 dBi	SH-4400-5000	5.9" x 0.7"
		Vertical	Fixed	5.4 dBi	FV-4400-5000	10.3" x 0.7"
		Vertical	Gooseneck	5.4 dBi	GV-4400-5000	8.9" x 0.7"
		Vertical	Spring	5.4 dBi	SV-4400-5000	5.9" x 0.7"
5150 - 5950 MHz	Horizontal	Fixed	5.3 dBi	FH-5100-5900	10.3" x 0.7"	
	Horizontal	Gooseneck	5.3 dBi	GH-5100-5900	8.9" x 0.7"	
	Horizontal	Spring	5.3 dBi	SH-5100-5900	5.9" x 0.7"	
	Vertical	Fixed	5.3 dBi	FV-5100-5900	10.3" x 0.7"	
	Vertical	Gooseneck	5.3 dBi	GV-5100-5900	8.9" x 0.7"	
	Vertical	Spring	5.3 dBi	SV-5100-5900	5.9" x 0.7"	
Dual Band	1350 - 1390 / 2200 - 2500 MHz	Vertical	Gooseneck	3.5 dBi	MP-1350-2500	9.8" x 0.5"
	1350 - 1390 / 4400 - 5000 MHz	Vertical	Gooseneck	3.5 dBi	MP-1350-5000	9.8" x 0.5"
	2200 - 2500 / 4400 - 5000 MHz	Vertical	Gooseneck	3.5 dBi	MP-2200-5000	9.0" x 0.5"
Tri Band	225 - 400 / 698 - 970 / 1250 - 2600 MHz	Vertical	Gooseneck	1.6 dBi	MP-225-2600	10.8" x 0.5"

Octane is a registered trademark and division of Pharad, LLC.
Specifications subject to change without notice.

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