

GPS/Cell/PCS/Wi-Fi Antenna

with 4 RPSMA Connectors

ventev®

Connect, Protect, and Enable™

Ventev's GPS/LTE/Wi-Fi Antenna is optimized for vehicular applications requiring GPS, LTE, and Wi-Fi communications. The antenna includes four 10 ft. pigtailed cables; one pigtail dedicated to GPS, two pigtailed cables dedicated to the LTE/Cellular/PCS frequency bands, and one pigtail dedicated to dual-band Wi-Fi. This antenna is an ideal partner for four connector multi-band (GPS, LTE, Wi-Fi) radios used in vehicles for communications, data exchange, location tracking, and fleet management.



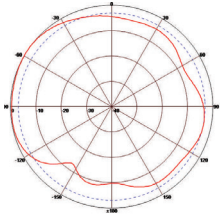
Specifications

SKU	543661
Manufacturer Part Number	M3045020M3D318
Operating Frequency Range	GPS: 1575.42 ± 2 MHz LTE 1 & 2: 698-960 / 1710-2170 MHz Wi-Fi: 2400-2500 / 4900-6000 MHz
Gain	GPS: 4.5 dBic LTE 1 & 2: 2 dBi Wi-Fi: 2/3 dBi
Polarization	Circular
VSWR	≤2.5
Nominal Impedance	50 Ohms
Max Power	50 Watts
Number of Ports	4
Length of Lead	10 ft.
RF Connector	RPSMA Male
Application	Indoor/Outdoor
Operating Temperature	-22° to 158°F
Dimensions	5.5 x 1.5 in.
Weight	0.5 lb.
GPS Noise Figure	≤2.5 dB
GPS Voltage Supply	3-5.5 V
GPS Operating Current	20 (Max 25) mA
Mounting Options	Center Screw Mount

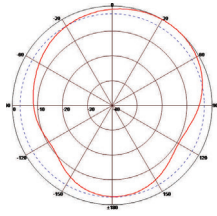


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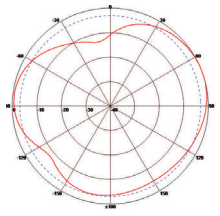
Radiation Patterns



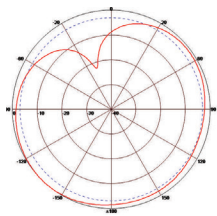
**LTE 1 High
E Plane**



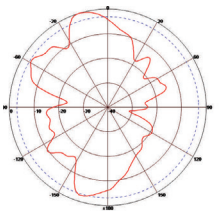
**LTE 1 Low
E Plane**



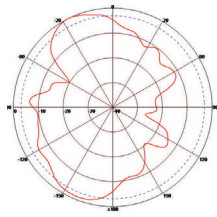
**LTE 2 High
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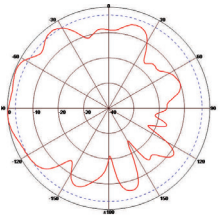
**LTE 2 High
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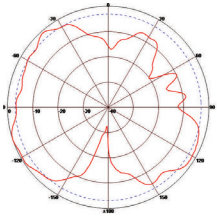
**Wi-Fi High
E Plane**



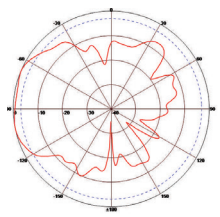
**Wi-Fi Low
E Plane**



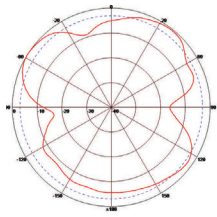
**LTE 1 Higher
H Plane**



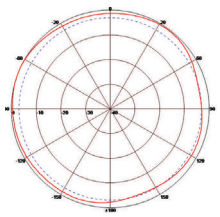
**LTE 1 Lower
H Plane**



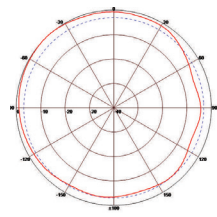
**LTE 2 Higher
H Plane**



**LTE 2 Lower
H Plane**



**Wi-Fi High
H Plane**



**Wi-Fi Low
H Plane**

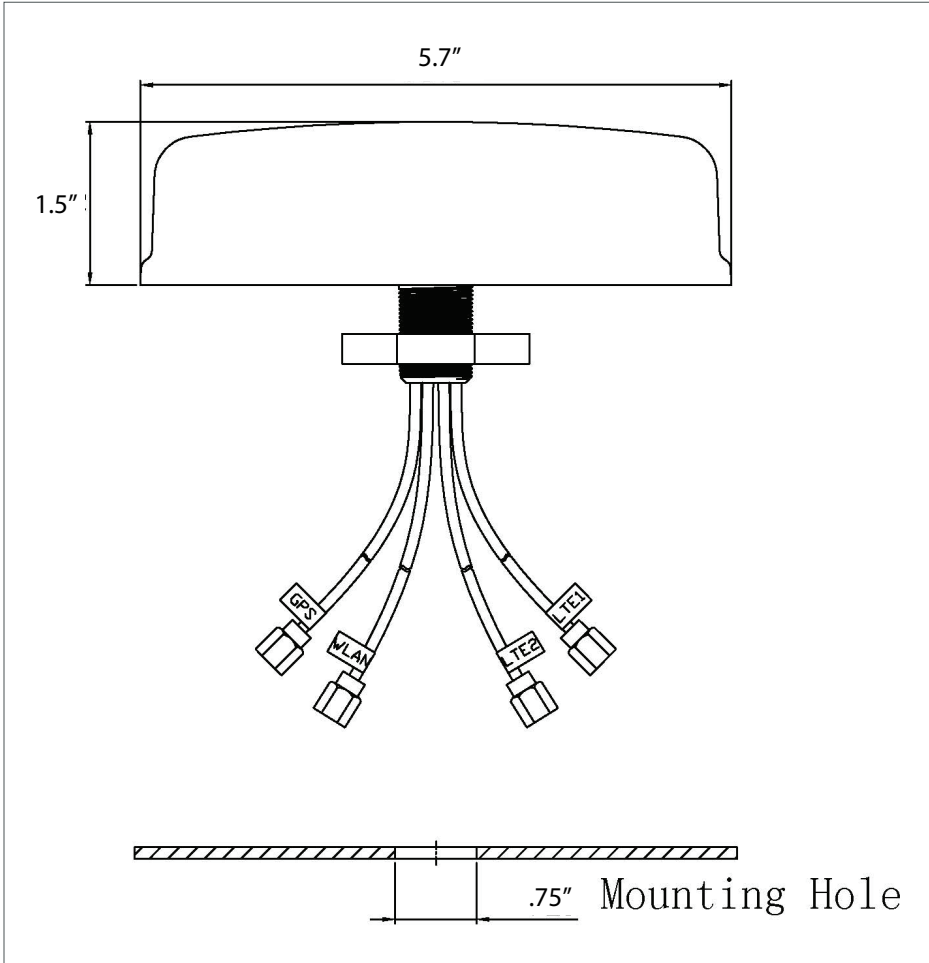


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Mount Information



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