

GPS/Cell/PCS/Wi-Fi Antenna with 1 GPS lead and 3 leads with SMA & RPSMA Plug Connectors

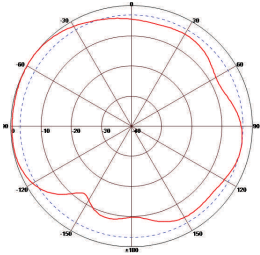


The TerraWave GPS/LTE/Wi-Fi Antenna is optimized for vehicular applications requiring GPS, LTE, and Wi-Fi communications. The antenna includes four 10' pigtailed cables; one pigtail dedicated to GPS, two pigtailed cables dedicated to the LTE/Cellular/PCS frequency bands, and one pigtail dedicated to dual-band Wi-Fi. This antenna is an ideal partner for four-conductor multi-band (GPS, LTE, Wi-Fi) radios used in vehicles for communications, data exchange, location tracking, and fleet management. *Every TerraWave antenna is covered by the company's two-year TerraNet warranty program. For more information, contact a regional sales executive at 210-375-8482, 800-851-4965 or sales@terrawave.com, or visit www.terrawave.com.*

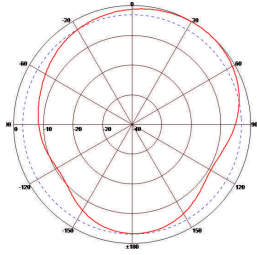
Specifications				
Model	M3045020M3D318			
Frequency Range	GPS	LTE 1	LTE 2	Wi-Fi
	GPS: 1575.42 ± 2 MHz	698-960/1710-2170MHz	698-960/1710-2170MHz	2400-2500 / 4900-6000 MHz
*Maximum Gain	4.5 dBic	2	2	2 / 3 dBi
Noise Figure	≤2.5 dB			
Voltage Supply for GPS	3 - 5.5 Volts			
Operating Current	20 (Max 25) mA			
VSWR	≤2.5			
Nominal Impedance	50 Ohms			
Polarization	Circular			
Maximum Power	50 Watts			
Connectors	GPS	LTE 1	LTE 2	Wi-Fi
	SMA Plug	SMA Plug	SMA Plug	RPSMA Plug
Cable Length	All cables 10'			
Dimensions	5.5" x 1.5"			
Weight	.5 lb			
Mounting Option	Center Screw Mount			
Operating Temperature Range	-22° F to 158° F			

*Cable loss not included

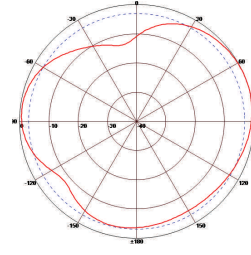
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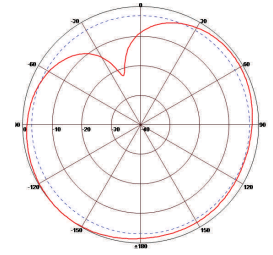
E Plane LTE1 High



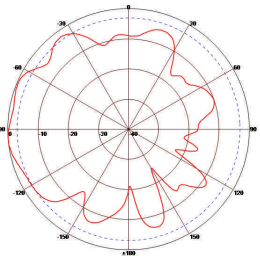
E Plane LTE1 Low



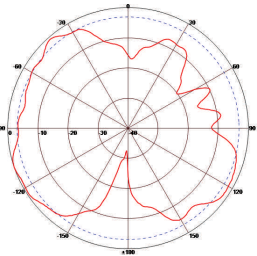
E Plane LTE2 High



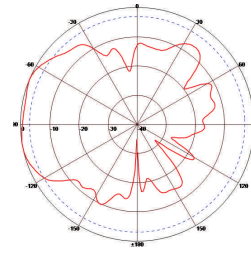
E Plane LTE2 Low



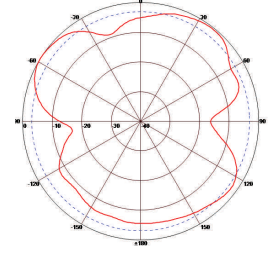
H Plane LTE1 Higher



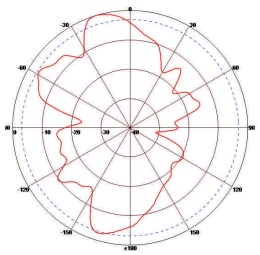
H Plane LTE1 Lower



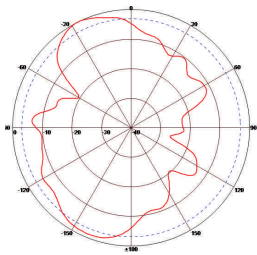
H Plane LTE2 Higher



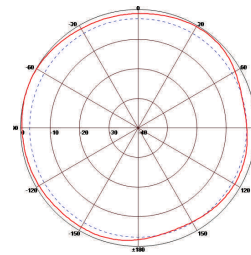
H Plane LTE2 Lower



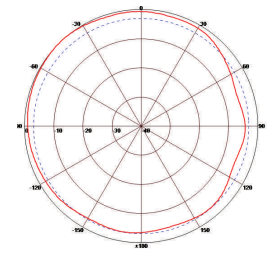
E Plane Wi-Fi High



E Plane Wi-Fi Low



H Plane Wi-Fi High



H Plane Wi-Fi Low

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Installation

