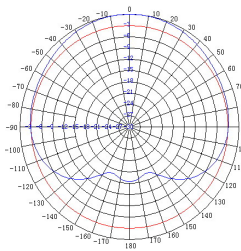
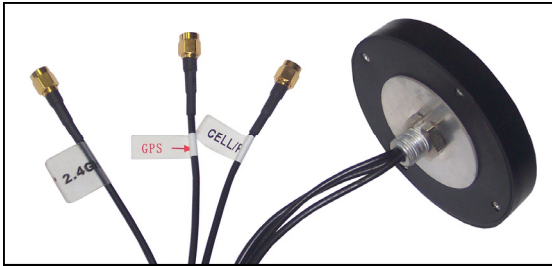




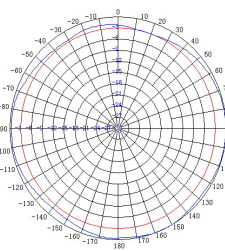
TerraWave Solutions® GPS/Cellular/PCS/2.4GHz Quadband Omnidirectional Antenna with SMA Plug Connectors

TerraWave's Quadband omnidirectional antenna is designed for GPS/Cellular/PCS/2.4GHz applications. Includes three 13' pigtailed - one pigtail dedicated to GPS, one pigtail dedicated to the Cellular/PCS frequency bands, and one pigtail dedicated to the 2.4 GHz frequency band. This antenna is an ideal solution for multiple frequency systems and includes a mounting gasket. Every TerraWave antenna is covered by the company's two-year TerraNet warranty program. For questions and to purchase product, contact a wireless networking solutions sales engineer at 210-375-8482, 800-851-4965 or sales@terrawave.com. Visit www.terrawave.com for additional information.

Specifications	
Model	M4045020M1315618
Frequency Range	GPS: 1575.42 ± 2 MHz Cellular/PCS: 806-960 / 1710-2170 MHz 2.4GHz: 2400-2500 MHz
Gain	GPS: 4.5 dBic (25 dB amplification) Cellular/PCS: 2 dBi 2.4GHz: 2 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
Maximum Power	50 Watts
Polarization	Circular
Connector	SMA Plug (13' pigtail)
Dimensions	Ø 3.35" x 0.55"
Mounting Option	Center Screw Mount
Operating Temperature Range	-22°F to +158°F

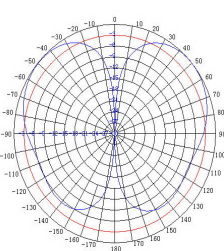


E-Plane Pattern

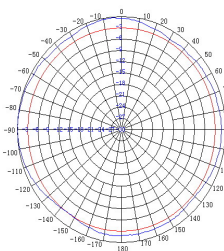


H-Plane Pattern

GPS

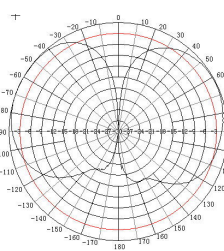


E-Plane Pattern

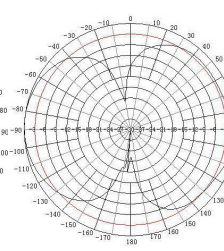


H-Plane Pattern

Cellular/PCS



E-Plane Pattern



H-Plane Pattern

2.4 GHz



**TerraWave Solutions® GPS/Cellular/PCS/2.4GHz Quadband
Omnidirectional Antenna With SMA Plug Connectors**

Mounting Information for M4045020M1315618

- 1. Antenna
- 2. Washer
- 3. SMA Connectors
- 4. Locking Nut

