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GPS Built-In Antenna

M1575D157i



PRODUCT DESCRIPTION

The Maxtena M1575D157i antenna features a LNA assembly providing 28 dB of gain and 2.7 to 5 DC Voltages. This active GPS antenna provides GPS support for a variety of applications. The compact size of 15mmX15mmX7.5mm is ideal for integration.

SPECIFICATIONS

	Min	Typical	Max	Unit
Frequency	1572.42	1575.42	1578.42	MHz
Polarization	Right-hand circular polarization			RHCP
Noise Figure		1.5		dBic
LNA Gain (without cable)		28		dBic
Band width		+ - 5		MHz
Supply Voltage		2.7-5.0		vdc
VSWR		1.5		
Impedance (differential)		50		Ohms
Overall Dimensions		15 x 15 x 7.5		mm
Operating Temperature	-40		+85	°C