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# MPA1575D254GGsm

## Compact Active Dual-Band GPS/GSM Antenna



### PRODUCT DESCRIPTION

MPA1575D254GGsm is an externally mounted dual band GPS/GSM antenna and active LNA that provides continuous band with high gain (30dB) and low power consumption to a wide selection of GPS and GSM receivers in today's market. It is Maxtena's integration of a high-performance dual band GPS/GSM patch antenna and a low noise amplifier into a low profile, extremely compact and fully waterproof enclosure.

### SPECIFICATIONS

	Min	Typical	Max	Unit
Frequency GPS		1575.42		MHz
Frequency GSM		824-894	1710-1990	MHz
Housing		Black		N/A
Polarization		Right-Hand		RCHP
Noise Figure		1.5		dBic
V.S.W.R		1.5:1		N/A
Connector	SMA/SMB/SMC	BNC/FME/TNC	MCX/MMCX	N/A
LNA Gain		30		dBic
Total Gain		32		dBic
Handling Power		1		W
DC Current		5-15		mA
DC Voltage		2.5-5.0		V
Cable		3	6	M
Impedance		50		Ohms
Overall Dimensions	59 (width) x 52 (length) x 15 (height)			mm
Operating Temperature	-40	20	+85	°C

