



MAXTENA, INC.
ANTENNA INNOVATIONS COMPANY
1715 PRATT DR., SUITE 2800
BLACKSBURG, VA 24060
1-877-MAXTENA (629-8362)
INFO@MAXTENA.COM

MPA1575D254GSW

Compact Active Tri-Band GPS/GSM/WIFI Antenna



PRODUCT DESCRIPTION

MPA1575D254GSW is an externally mounted tri-band GPS/GSM/WIFI antenna and active LNA that provides continuous band with high gain (30dB) and low power consumption to a wide selection of GPS/GSM/WIFI receivers in today's market. It is Maxtena's integration of a high-performance tri-band GPS/GSM patch antenna and a low noise amplifier into a low profile, extremely compact and fully waterproof enclosure.

SPECIFICATIONS

				Unit
Frequency GPS	1575.42			MHz
Frequency GSM		824-894	1710-1990	MHz
Frequency WiFi		2400-2500		MHz
Polarization		Right-hand		RHCP
Noise Figure		1.5		dBic
V.S.W.R.		1.5:1		N/A
Connector	SMA/SMB/SMC	BNC/FME/TNC	MCX/MMCX	dBic
Gain		32		dBic
Handling Power		1		W
DC current		5-15		mA
DC Voltage		2.5-5.0		V
Cable		3	5	M
Impedance		50		Ohms
Overall Dimensions	60 (diameter) x 52 (length) x 15 (height)			mm
Operating Temperature	-40	20	+85	°C

¹Realized Gain Bandwidth