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MPA1575D254A

Compact Active GPS Antenna for GPS L1 band



*Actual Size

PRODUCT DESCRIPTION

MPA1575D254A is an externally mounted GPS antenna and active LNA that provides continuous L1 band with high gain (28dB) and low power consumption to a wide selection of GPS receivers in today's market. It is Maxtena's integration of a high-performance GPS patch antenna and a low noise amplifier into a low profile, extremely compact and fully waterproof enclosure.

SPECIFICATIONS

	Min	Typical	Max	Unit
Frequency GPS	1570.42			MHz
		1575.42		MHz
			1580.42	MHz
Polarization		Right-hand		RHCP
Noise Figure		1.5		dBic
Housing		Black		N/A
Connector	SMA/SMB/SMC	BNC/FME/TNC	MCX/MMCX	N/A
Gain		28		dBic
V.S.W.R		1.5:1		dB
DC Current		5-15		mA
DC Voltage		2.2-5		V
Cable		3	5	M
Impedance		50		Ohms
Overall Dimensions	43 (diameter) x 33 (length) x 14 (height)			mm
Operating Temperature	-40	20	+85	°C

¹Realized Gain Bandwidth