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MPA1575D254A

Compact Active GPS Antenna for GPS L1 Band



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	1575.42	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 (width) x 33 (length) x 14 (height)			mm
Operating Temperature	-40	20	+85	°C