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MPA1575D254GpsGlonass

Compact Active Dual-Band GPS/GLONASS Antenna



*Actual Size

PRODUCT DESCRIPTION

MPA1575D254GG is an externally mounted dual band GPS/GLONASS antenna and active LNA that provides continuous band with high gain (32dB) and low power consumption to a wide selection of GPS and GLONASS receivers in today's market. It is Maxtena's integration of a high-performance dual band GPS/GLONASS 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 GLONASS			1602.00	MHz
Housing		Black		N/A
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		13		mA
DC Voltage		3.0-5.0		V
Cable	2	3	6	M
Impedance		50		Ohms
Overall Dimensions	45 (diameter) x 35 (length) x 13 (height)			mm
Operating Temperature	-40	20	+85	°C

¹Realized Gain Bandwidth