

GPS Active Antenna Part Number: GPS-MCX-M-5



General :	
Frequency	1575.42 ± 3 MHz
VSWR	1.5 Max.
Bandwidth	20 MHz Min. at -10 dB
Axial Ratio	3 dB Typical
Impedance	50 Ω
Peak Gain	4 dBic Min. (7x7 cm ground plane)
Gain Coverage	≥ -4dBic at -90° ≤ θ ≤ 90° (over 75% volume)
Power Handling	1 watt
Polarization	RHCP
Amplifier Module:	
Amplifier Gain	27 dB Typical
Noise Figure	1.5 dB Typical
Output VSWR	2.0 Max.
DC Voltage	DC 2.7V to 6.0V
DC Current	8.5 ± 4.5mA
Mechanical:	
Weight (Without Cable)	43 grams Max.
Size	48 X 40 X 13 mm
Cable	5M RG174
Connector	MCX Male Straight plug / MMCX Male Straight (optional)
Mounting	Magnetic base
Housing Color	Black
Environmental:	
Working Temperature	-40°C < T < +85°C
Storage Temperature	-50°C < T < +95°C
Vibration	Sine Sweep, 1G(0-P), 10-150-10Hz each axis
Humidity	95%~100% RH
IP Rating	IPX6