

Mag Mount Omni Antenna

Specifications

Catalog Number	G700050358
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Mag mount RF omni antenna, N(m), 694 to 6000 MHz

Mechanical Data

Dimension	107 x 107 x 93 mm (4.20 x 4.20 x 3.67 in)	
Radome Material	Black ASA UV Inhibitive	
Cable	RG-174, 8 ft. (GPS DC 3V and 5V)	
	RF-195, 8 ft. (694-960/1710-3700 MHz)	
Connector	RF-195, 8 ft. (2.4 to 2.485 and 4.9 to 6.0 GHz)	
	RF: Type N plug (male)	
	GPS: SMA plug (male)	

Environmental Data

Operating Temperature	-40 to +80°C
Shock and Vibration	IEEE1478, EN 61373, MIL-810G, TIA 329.2-C
Dust and Water Ingress	IP67

Electrical Data

Frequency Range	RF: 694-960 MHz, 1710-3700 MHz, 2400 MHz, and 4900-6000 MHz
	GPS: 1575.42 ± 2 MHz
Gain	3 dBi (694 to 960 MHz)
	4 dBi (1710 to 3700 MHz)
	5 dBi (2.4 to 2.485 and 4.9 to 6.0 GHz)
GPS Unit Gain	26 dB, 5 dBi antenna
	3.3 and 5 V DC (Voltage)
	10 mA typical, 20 mA max. (Current)
VSWR	< 2.0:1
Impedance	50 Ω nominal
Maximum Power	10 W