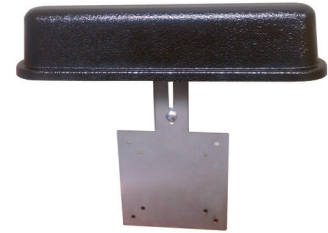


2.4 GHz/5 GHz Dual-Band, Three-Port MIMO Monitor Mount Omnidirectional Antenna

The PCTSMI2458-3 MIMO antenna provides three-port coverage of 2.4 GHz and 5 GHz frequencies in an attractive, low-profile package. This surface mount in-building antenna is ideal for mobile healthcare communications carts and suitable for most commonly used computer monitors.

Features

- Multi-band coverage of 2.4-2.5 GHz ISM and 4.9-5.9 GHz broadband wireless frequencies
- Three dual-band 2.4 GHz/5 GHz integrated elements provide optimal omnidirectional MIMO coverage in a small package
- Attractive low-profile housing addresses aesthetic requirements and complements most flat screen monitors
- Rugged stainless steel mount installs on the back of the monitor bracket and provides vertical and horizontal adjustments to fit most popular computer monitor sizes



PCTSMI2458-3

STANDARD CONFIGURATION

Model	Cable	Connector	Mount
PCTSMI2458-3	Three 46-inch RG-58/U leads	Reverse Polarity SMA Male	Mount dimensions: 8.65" x 6" x 1.95" (21.9 x 15.2 x 4.95 cm) Method: Stainless steel, monitor mount adjustable bracket with vertical and horizontal adjustment slots.

ELECTRICAL SPECIFICATIONS - RF ANTENNA

Frequency Range	Gain	VSWR	Azimuth Half Power Beamwidth	Elevation Half Power Beamwidth
2.4-2.5 GHz 4.9-5.9 GHz	3.5 dBi @ 2.4 GHz 4 dBi @ 5 GHz	< 2.0:1	360°	35° @ 2.4 GHz 25° @ 5 GHz

ELECTRICAL SPECIFICATIONS - RF ANTENNA, continued

Average Power	Nominal Impedance	Polarization	Port-to-Port Isolation
20 watts	50 ohms	Vertical, linear	> 15 dB @ 2.4 GHz > 20 dB @ 5 GHz

MECHANICAL & ENVIRONMENTAL SPECIFICATIONS

Dimensions	Weight	Housing Material	Temperature Range	Radome
12.13 L x 2.71 W x 2.48 H in (30.8 x 6.88 x 6.29 cm)	Antenna and Mount Assembly: 1.5 lbs (0.68 kg)	PC	-40°C to +85°C	Black UV-stable plastic