

## MultiBand Ceiling Antenna (Pat.Pnd.)

For 750 MHz - 2.7 GHz networks



MultiBand Ceiling Mount Antenna

- Mounts easily to ceiling or any bulkhead
- MultiBand covers all popular worldwide systems from 750 MHz - 2.7 GHz
- Compatible with all networks, TDMA, CDMA, GSM, WCDMA, 802.11b/g, DCS, GPRS
- Secure & low profile, radome is less than 3 inches high (76 mm)

### New Model!

This is the ultimate universal antenna for Indoor & outdoor applications. This provides high performance operation on all 800 - 1000 MHz cellular & paging bands, all 1.7 - 2 GHz PCS & WCDMA bands, and even 2.4 GHz 802.11 b/g. The surface mount style antennas can be mounted to any ceiling or flat bulkhead.

The design uses a 5/8 inch (16 mm) feed thru for securing to a flat surface. Access to both sides of the ceiling or body surface is required to complete the installation. The antenna is typically outfitted with a short 6 inch (152 mm) coax pigtail, for clearance through a bulkhead, but other cable lengths can be provided. The standard connector is a male SMA, other connectors can be provided as well as cable assemblies.

The antennas use a 3 inch (76 mm) high radome and is white ABS plastic. The mounting flange for the antenna is 8 inches (203 mm) in diameter.

The CMM-UMB antenna provides a single coax feed for the entire band from 750 - 2.7 GHz. This unit would be used with receivers that are completely agile, or multi-band. For use with individual receivers, commercial splitters are available.

#### Model Number

Model	Description
CMM-UMB-2A	Universal MultiBand Antenna with 6 inches (152 mm) RG-58 coax pigtail and a TNC male connector
CMM-UMB-2C	Universal MultiBand Antenna with 6 inches (152 mm) RG-58 coax pigtail and a SMA male connector

Note: Antennas can also be outfitted with other lengths of cable. Standard radome color is white.

#### Specifications

<b>Frequency:</b>	750 - 2700 MHz	<b>Mounting Base:</b>	8 inches (203 mm) diameter plate
<b>Gain:</b>		<b>Connector:</b>	Male SMA or TNC, others available upon request
750 - 1250 MHz	3 dBi	<b>Case:</b>	1.75" D x 3" H (44 mm x 76 mm)
1650 - 2700 MHz	5 dBi	<b>Case Material:</b>	White Polycarbonate
<b>VSWR:</b>	2:1 max over range	<b>Mounting:</b>	5/8" diameter (16 mm) feed thru, 3/8" long thread (10 mm) for up to 1/4" thick metal (6 mm)
<b>Operating Temp:</b>	-30° to +80° C	<b>Hardware:</b>	Ceiling mount screws and anchors
<b>Nominal Impedance:</b>	50 ohms		
<b>Maximum Power:</b>	10 Watts		
<b>Cable:</b>	RG-58, 6 inches (152 mm), single coax exists at bottom		

Special configurations are available, please consult factory for details.