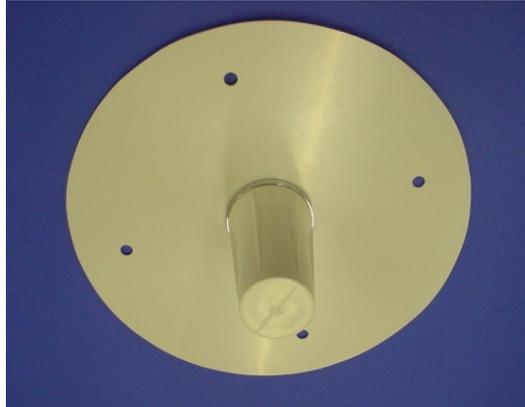




MultiBand Ceiling Antenna (Pat.Pnd.)

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)

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

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

Special configurations are available, please consult factory for details.