

698 MHZ- 6 GHZ COVERAGE

PCTEL'S ALL-IN-ONE CEILING MOUNT OMNIDIRECTIONAL ANTENNA



PCTEL MULTI-BAND ANTENNA

ONE ANTENNA MODEL PROVIDING A MULTITUDE OF IN-BUILDING RF POSSIBILITIES



As a leading supplier of antennas for wireless networks, PCTEL utilizes the latest technologies and engineering development tools to design and manufacture high performance products for in-building wireless voice and data applications.

Our antenna designs simplify mobility by providing wireless connectivity indoors, outdoors and "on the move," supporting users in a multitude of applications.

Our PCTCMB in-building antenna offers great value for OEMs, VARs and Systems Integrators looking for multi-band coverage, performance reliability, and attractive "consumer oriented" housings at affordable prices. Ideal applications include:

- In-Building Public Safety
- Retail Establishments
- Enterprise Networks
- Public "Hot Spots"
- Facilities Management Connectivity



PCTCMB PLATFORM BENEFITS

- No tune, multi-band platform covers the most widely used in-building frequencies with only two antenna models
- N female flange connector termination provides a single cable exit for easier installation and/or antenna replacement
- Attractive low profile design addresses aesthetic considerations and overhead clearance requirements
- UL 94V0 plastics and PC boards for compliance with strict building safety code requirements
- Aluminum backplate template with drill guiding screw holes for faster, easier installation and labor cost optimization
- Outstanding value: PCTEL world-known antenna quality and reliability, minimum number of sku requirements and highly competitive prices



General Technical Specifications

	Frequency Range	Nominal Gain	Return Loss
PCTCMB7058NF	698-850 MHz	1.5 dBi	≥9.5dB
	850-960 MHz	2 dBi	≥9.5dB
	1710-2170 MHz	4 dBi	≥9.5dB
	2300-2700 MHz	5 dBi	≥9.5dB
	3400-3700 MHz	5 dBi	≥9.5dB
	4900-6000 MHz	6 dBi	≥9.5dB
Maximum Power Input	50 watts		
Polarization	Vertical, linear		
Nominal Impedance	50 ohms		
VSWR across the band	< 2.0:1 across the band		
Housing material	UL 94V0, UV resistant plastic		
Connector Termination	N female bulkhead standard*		
Dimensions	12 OD x 3.2 H inches (305 OD x 82 H millimeters)		
Mounting Method	Screw mount (screws provided)		

* Please order cable assembly with mating N male termination separately

