



RAC48MCPA

PRODUCT SPECIFICATION

48" Multi-Carrier Power Amplifier Enclosure Solution

Overview

The RAC48MCPA Cabinet is part of a unique, modular site solution approach supporting high capacity and high coverage applications. Operators are provided with unprecedented flexibility and cost saving opportunities.

Designed to house Multi-Carrier Power Amplifier (MCPA) equipment, the RAC48MCPA provides convenient cable management and environmental control.

Providers can simplify installation and maintenance, lower costs, stock and manage less inventory, and ensure compatibility with future equipment and technologies with the RAC48MCPA enclosure offered exclusively from Purcell Systems.



RAC48MCPA

TECHNICAL SPECIFICATIONS

Physical Dimensions

Exterior:	48"H x 30"W x 44.6"D (incl. 13.6"D for front and rear ventilation systems) (49" with solar top, +4"H with optional plinth) (footprint: 30"W x 31"D)
Interior:	47"H x 29"W x 30"D (door opening: 44"H x 26"W)
Weight:	~240 lbs. Cabinet only

Construction Materials

Material:	Aluminum (lightweight, corrosion-resistant)
Paint:	UL Pantone, ultra-light grey, TGIC polyester powder coat

Door/Side Panel Construction

Doors:	Front and rear doors, both removable; or rear hatch
Latches:	Two-point latched and pad lockable (padlock provided By end-user), with door alarms
Gasket:	ASTM and UL listed for outdoor use

Equipment Mounting

Equipment Rack:	Two or four-post equipment rack for 19" or 23" MCPA equipment mounting (front and rear access)
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Environmental

Vent System:	High-powered DC blower system, blowers rated at 600cfm, temp-controlled fan speeds and failure alarms, Max. unloaded blower throughput: 1200cfm
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Standard Components

AC Receptacles:	(1) 15A 2-outlet GFI receptacle
Fuse Panel:	10 position GMT DC fuse panel
Integrated Grounding:	UL-listed bonding hardware and easily accessible Mounting points for "single-point" ground
DC Cable Feed:	Cable feed between fan controller and power cabinet
AC Cable Feed:	Cable feed between AC outlets and power cabinet

Optional Configurations

Solar top:	Solar shielding
RF top:	Variable RF top height to match site aesthetics and provide RF cable access
RF boots/plates:	Optional side panel RF boots or plates for convenient cable routing
Plinth:	Optional mounting bracket or pad gasket for Convenient equipment transport and installation

Agency Information



Enclosure only.

Warranty Information

Limited warranty available. Contact your Sales Associate for details.

Proprietary and Confidential

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Patents Pending

Due to continual product enhancements, specifications are subject to change without notice.

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