



reliable, durable, customizable, affordable

[ broadcast antenna systems ]

# MODEL **PSIFMCB**

## FM CAVITY BACKED RADIATOR ANTENNA

### Features

**Polarization** | Circular

**Frequency Range** | 88-108 MHz

**Operation** | Broadband

**Gain** | 3.5 to 4.5 dBd

**Pattern** | Directional

**Mounting** | 3-Around Omni Directional  
| 4-Around Omni Directional

### Electrical Specifications

**Input** | 2 x 7/8" EIA

**Rating** | 2 x 5 kW

**Gain** | 2.82 (4.5 dBd)

**Impedance** | 50 Ohms

**VSWR** | <1.10

**Polarization** | Circular

**Beam width** | Azimuth 60° - 80°  
| Elevation 60° - 80°

### Mechanical Specifications

**Diameter** | Varies depending upon application

**Depth** | 29"

**Weight** | 240 lbs

**Wind area** | 14.5 sq ft

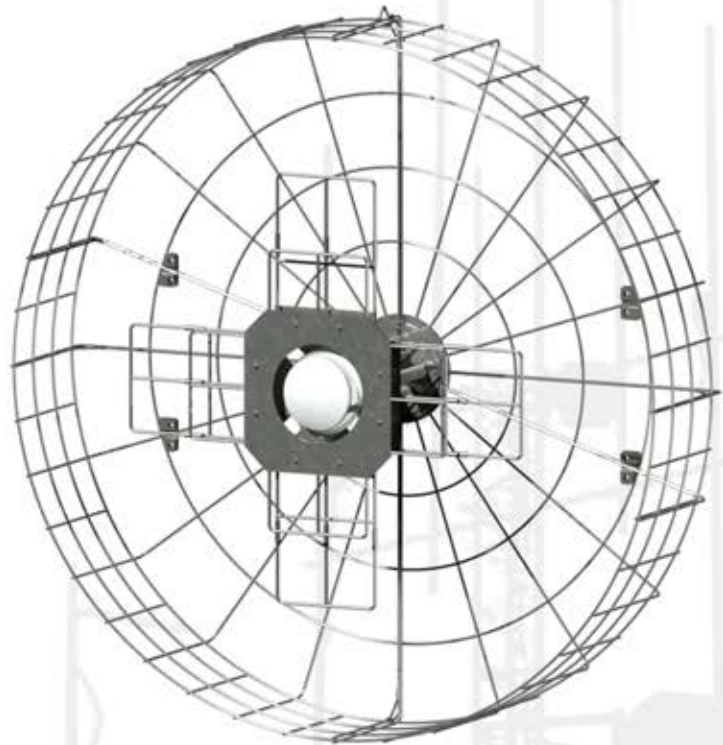
**Survivability** | 160 Mph

**Grounding** | Full DC ground through mounting

**Materials** | Hot dip galvanized panel and dipole

**Mounting** | Mounting hardware and dimensions upon request

**Ice protection** | Fiberglass feed point radome



### Description

The PSIFMCB is a broadband circularly polarized FM broadcast panel type antenna that can be configured for a variety of radiation patterns.

PSI reserves the right to modify the indicated technical specifications at any time without notice.