

## Pass-Notch Cavity Resonator

### Electrical Specifications

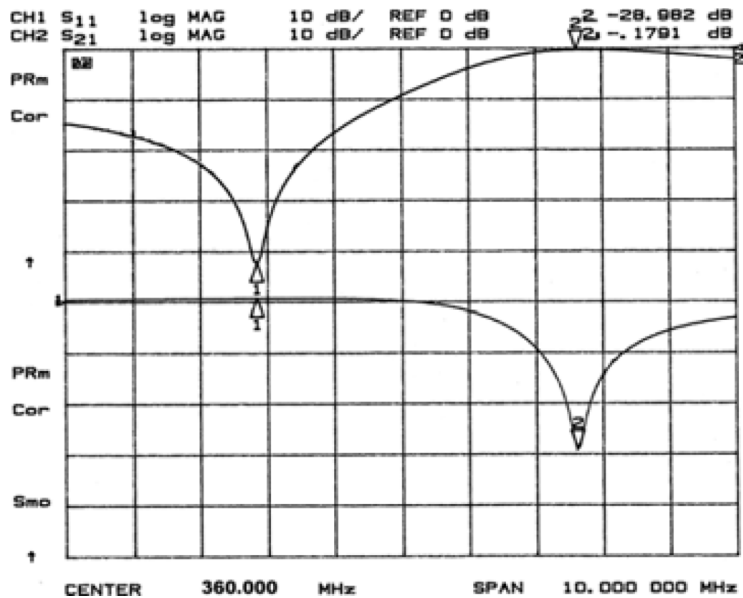
|                           |                         |
|---------------------------|-------------------------|
| Frequency Band            | 375-440 MHz             |
| Attenuation               | 30+ dB @ $\pm 5$ MHz Fc |
| Input Power (Max.)        | 200 W                   |
| Insertion Loss (Min-Max.) | 0.5 - 2.0 dB            |
| VSWR (Max.)               | 1.25:1                  |
| Electrical Length         | $1/4 \lambda$           |
| Impedance (Nom.)          | 50 $\Omega$             |
| RF Connectors             | N Female                |

### Mechanical Specifications

|                              |                        |
|------------------------------|------------------------|
| Finish                       | Gray Paint             |
| Cavity Body Dimensions (WxD) | 7" x 7" (178 x 178 mm) |
| Rack Mount                   | 19" EIA                |

### Environmental Specifications

|                       |                               |
|-----------------------|-------------------------------|
| Operating Temp. Range | -22 to 140 °F (-30 to +60 °C) |
|-----------------------|-------------------------------|



EMR Pass notch cavities are designed to allow a specific frequency or group of frequencies (pass band) to pass through the device while providing high rejection against a specific frequency or group of frequencies. These cavities may be factory tuned to specific frequency and are field tunable. Multiple cavities may be connected for greater selectivity with minimal insertion loss. Multi-cavity configurations come standard with 19 inch EIA rack mounting bars or panel with chassis tray.

### Product Features

- Excellent Frequency Stability
- High-Q Square Cavities
- Low Insertion Loss
- 5 Year Warranty