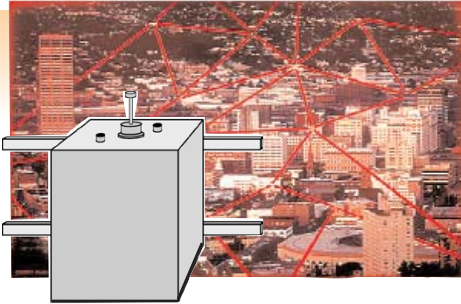


**Keltron 10R0479-XX Bandpass Cavity**

Maximizes system range

Easy installation

Reduces radio frequency interference

The Keltron bandpass cavity is designed for use with all head end receivers. The bandpass cavity is used on subscribers as well in environments that have a high number of frequencies. This heavy duty radio filter minimizes interference from other radio frequency sources and maximizes the range of the Keltron system. The dual system includes two filters. Sizes vary according to radio frequency. Typical size for a 465 MHz (UHF) filter:

### Electrical specifications

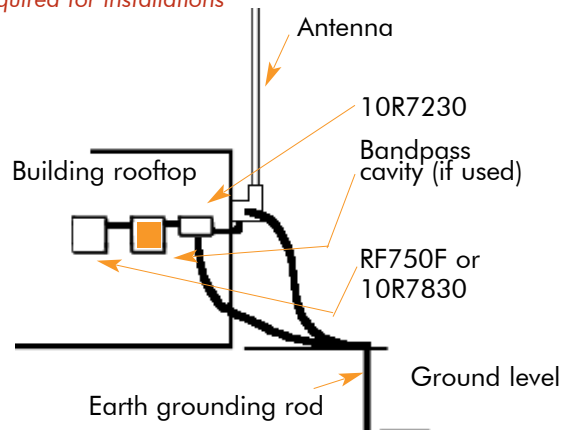
- Frequency band - (MHz) 440-512
- Input power - 200 W
- Impedance - 50 ohms
- Vertical standing wave ratio - 1.5:1 or better
- Electrical length - 1/4 wavelength
- Insertion loss - 1 db
- Temperature range -  
- 22°F to +140°F / (- 30°C to +60°C)

### Mechanical specifications

- Dim (d x w) 10" x 10" / 254 x 254 mm
- N female to N female connectors
- Finish - gray
- Ship weight - 20 lbs (9.1 kg)

### Example of a typical installation

*Not actual installation instructions. Detailed instructions are required for installations*



*To improve product performance and reliability, Keltron reserves the right to change specifications without notice.*

Keltron develops and manufactures universally-compatible, UL listed life safety event management systems for the municipal and proprietary markets. Solutions include Ethernet signaling systems, active network radio systems, distributed multiplex systems, digital communicator/receiver systems, and direct wire systems. This document is not intended for installation or maintenance purposes. All specifications are subject to changes without notice. For more information visit [www.keltroncorp.com](http://www.keltroncorp.com) or contact us at 781-894-8710.

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