



# FILTERS

radio  
communication  
accessories

The Calsense Spread Spectrum Frequency Filter, model SR-FILTER, is an optional bandpass filter used to help prevent interference from unwanted frequencies by filtering them out. The resonators and cavities within the filter are silver plated for low RF resistivity, in order to achieve low insertion loss and high selectivity. It may be required when using SR-STICK or SR-YAGI antennas.



## technical specifications

### dimensions

- Height: 1.89"
- Width: 4.72"
- Depth: 2.36"

### mounting:

- Bulkhead

### wireless interface:

- Frequency Range: 902 - 928-MHz
- Interference Rejection: > 45-dB
- Insertion Loss: 1.5-dB

### environmental:

- Operating Temperature: -45° to 85°C (-49° to 185°F)

### warranty

- 1-year limited warranty

The Local Radio frequency filter, model LR-FILTER is an optional bandpass cavity resonator used to help prevent interference from unwanted frequencies by filtering them out. It is typically used in conjunction with Local Radio hubs and repeaters and is installed between the controller and the antenna.

**Note:** Specify LR frequency at time of purchase to ensure the filter is tuned properly.



## technical specifications

### dimensions

- Height: 12.0"
- Width: 7.0"
- Depth: 7.0"

### mounting:

- Bulkhead

### wireless interface:

- Frequency Range: 440 - 512-MHz
- RF Power: 200-Watts @ 1-dB
- Insertion Loss: 1.5-dB

### environmental:

- Operating Temperature: -30° to 60°C (-22° to 140°F)

### warranty

- 5-year limited warranty

