



# NEW PRODUCT ANNOUNCEMENT

## CF534 Series — Band Pass Filter for DAB and DMB Broadcasting

### CF534 Series

#### Band Pass filter for DAB and DMB Broadcasting

Electronics Research, Inc. (ERI) will introduce a new Band III VHF mask filter for Digital Multimedia Broadcast (DMB) applications. This new compact filter is designed for interior mounting, within the DMB transmitter cabinet. The filter is designed to be tunable over an expanded range of VHF Band III, from 168 MHz to 240 MHz. The complete filter assembly is contained in a single metal enclosure and is a temperature compensated design that maintains specifications at cold starts, as well as at normal operating temperature. It is intended for power levels up to 2.5 kW.

#### Features

- Tunable from 168 MHz to 240 MHz
- 2nd Harmonic Rejection to -40 dB
- Compact Size
- Temperature Compensated
- Light weight Aluminum Construction
- Average Powers to 2.5 kW
- Built in Mounting Structure



#### Specifications

Average Power Rating, kW	2.5
Frequency	168MHz – 240 MHz
Insertion Loss, dB, max.	See Graph
Passband VSWR	1.2
Group Delay Variation, max	<900 ns
Impedance, ohms	50
Connections	7/16" DIN
Weight, lbs (kg)	90 (41)
Dimensions, in (mm)	29 x 15 x 28 (736 x 381 x 711)

