

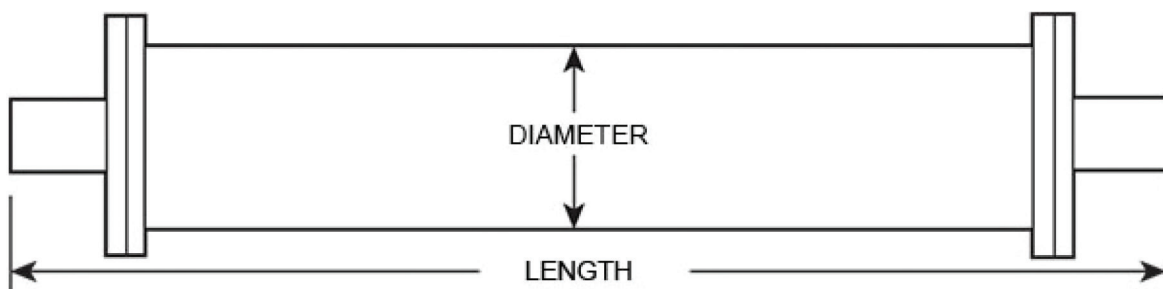


## CF3002 FM Low Pass Filter

ERI offers the Model CF3002 high rejection, FM, low pass, harmonic filters for transmitter power levels up to 44 kW. A unique design provides 45 dB or greater rejection from the second to the tenth harmonic and beyond. This yields filters with overall lengths 30% to 50% shorter than typical FM harmonic filters.

### Features and Benefits

- High Rejection through 10th Harmonic
- Extremely Low Insertion Loss and VSWR
- Minimized Length
- Entire FM Band Coverage
- Rugged Built-in Couplers Available
- Wide Range of Power Ratings



FM Harmonic Filter

### Specifications

CF Series: Filter > Harmonic > Low-Pass

Band:	FM
Frequency Range:	87.5 to 108 MHz
Length:	67.5 in   171.45 cm
Diameter:	6.125 in   15.56 cm
Connector Types:	3-1/8 inch EIA
Average Power Rating:	44 kW
Insertion Loss:	< 0.10 dB
Rejection:	> 45 dB (2nd through 10th harmonic)
VSWR:	< 1.12

All designs, specifications, and availabilities of products and services presented in this publication are subject to change without notice.