

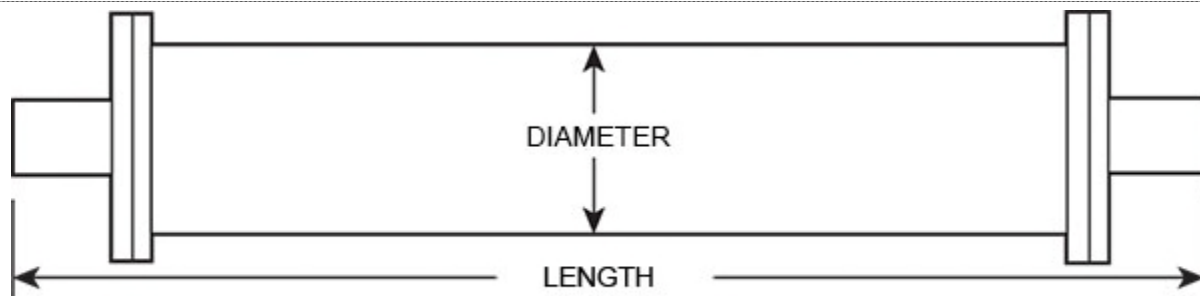
ERI CFH211-0FM FM Low Pass Harmonic Filter



ERI offers the Model CFH211-0FM high rejection, FM, low pass, harmonic filters for transmitter power levels up to 10 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:	54 in 137.16 cm
Diameter:	3.125 in 7.94 cm
Connector Types:	1-5/8 inch EIA
Average Power Rating:	10 kW
Insertion Loss:	< 0.10 dB
Rejection:	> 45 dB (2nd through 10th harmonic)
VSWR:	< 1.12

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TEST DATA

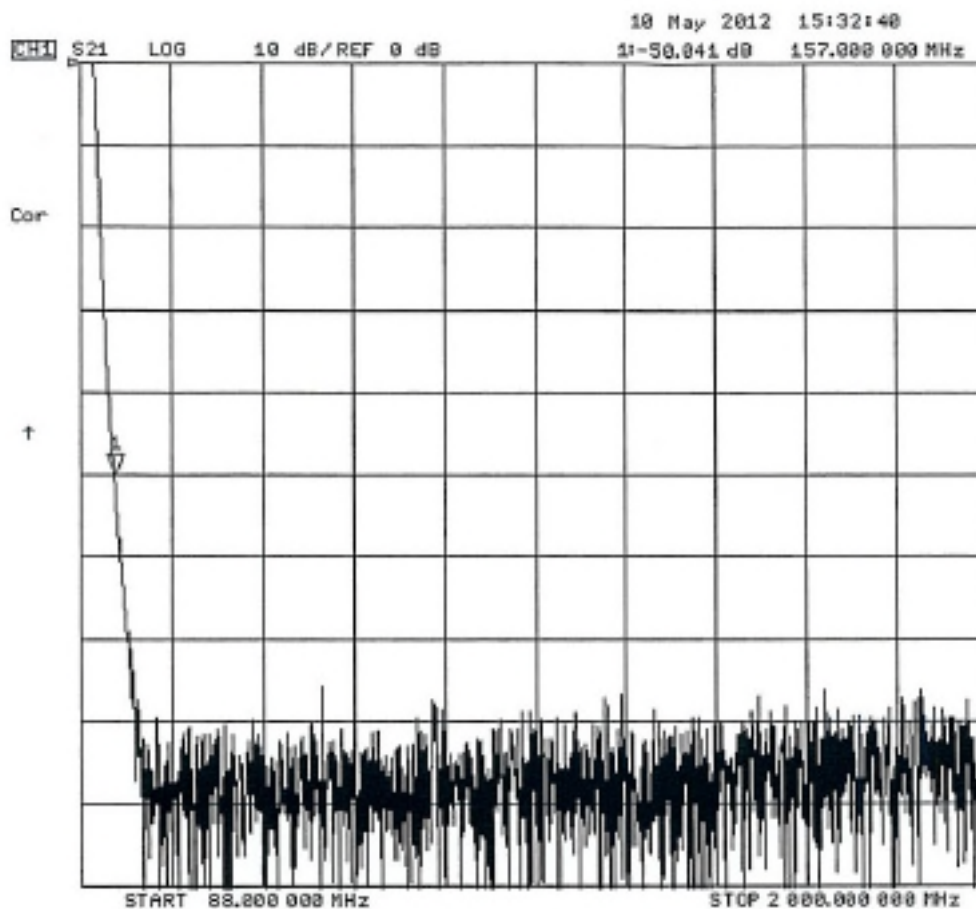
FM HARMONIC FILTER 1-5/8

FM BAND

ERI P/N CFH211-0FM SO 03823

Serial No. 03823-051012-1

Date: Fri 11-May-2012



Plot 3 Harmonics