



# CF7W 470-600 CF7W 470-600/617

Models CF7W 470/600 and CF7W 470/600/617 are designed to pre-select the UHF band for Off-the-Air TV receive systems.

Model CF7W 470/600 passes 470 to 600 MHz spectrum, suppress signals from 5-440 MHz, and, 640 to 1000 MHz.

Model CF7W 470/600/617 passes 470 to 600 MHz spectrum, suppress signals from 5-440 MHz, and, 617 to 1000 MHz; (617-700 MHz is intended for Band 71, LTE)

See sample graphs below.

## **Specifications:**

- Passband Insertion Loss: <1.5 dB (except <3.0 dB at band edges)
- Pass band Input Return Loss: >15 dB typical
- CF7W-470/600/617 rejects band 71 (LTE) see graphs •
- Temperature stable from -10° to +40° C
- RF Power handling up to 2 watts
- Indoor enclosure with 75 ohms F connectors (female)
- Supplied with final production graph.

# **CF7W Options:**

Enclosure: Indoor, Outdoor, or, Rack Mount

#### **Custom Pass band**

Specify "Lower and Upper" 3dB cutoff frequencies (e.g., CF7W-500/650—3dB cutoff 500 and 650 mHz). Approx 6% frequency transition between passband edge and 40 dB stopband. Increased bandpass selectivity available with external filters.

#### Impedance and Connectors:

75 ohms connector options:

F type female/ male, BNC female/male

50 ohms connector options:

SMA, BNC, or N female/male

#### CF7W-470/600

Dim (in): 4.0 x 2.5 x 2



### CF7W-470/600/617

Dim (in): 7.5 x 2 x 1.75



#### CF7WX-470/600

Outdoor enclosure Dim (in): 4.5 x 3.5 x 2.5



### CF7WX-470/600/617

Outdoor enclosure Dim (in): 6.5 x 6.5 x 4.5



### CF7W-470/600/617 RM

1.75 x 19 " Rack or Wall Mount



### Order as:

# Indoor model:

CF7W-470/600 or CF7W-470/600/617

# **Outdoor Model**

CF7WX-470/600 or CF7WX-470/600/617

### **Rack Mount Model**

CF7W-470/600 RM or CF7W-470/600/617 RM

Option: Connector/Impedance (CI)(Affix CI to model #):

Ex 1: CF7W-470/600 B50 (BNC 50 ohms)

Ex 2: CF7WX-470/600 B50 (Outdoor, BNC 50 ohms)

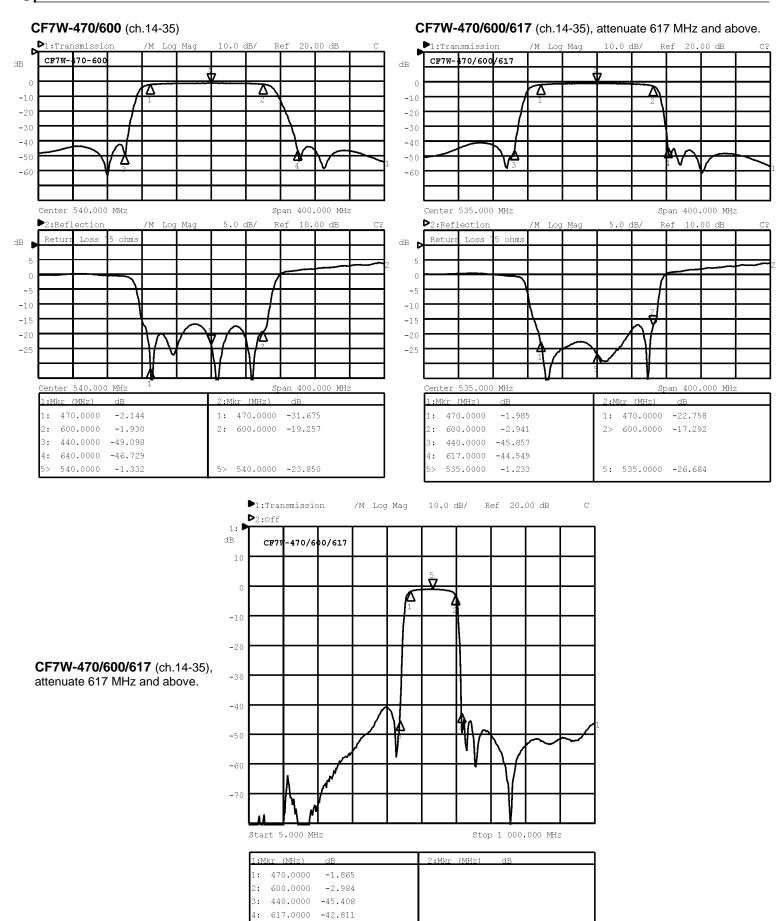
Ex 3: CF7W-470/600/617 RM N50 (rack mount, N 50

ohms)



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