



CF7W (VHF-UHF, VHF, UHF)

Model **CF7W** multi-channel pre-selector band pass filters for Off-the-Air TV receive system (OTA).

Model #	Frequency (MHz)	OTA channels
CF7W-VHF-UHF	174-698	7-13, 14-59
CF7W-VHF	174-216	7-13
CF7W-UHF	470-698	14-59
CF7-470/600 *	470-600	14-35

Features:

- Low Loss design for 75 ohms Off-Air TV systems - <1.5 dB (2.5 dB at pass band edges);
- Pass band Input Return Loss: >15 dB typical
- Out of band rejection: >40 dB \pm 25 MHz from pass band edges (VHF) ; >40 dB \pm 35 MHz from pass band edges (UHF)
- Temperature stability is -10° to +40° C
- RF Power handling is up to 10 watts
- Enclosures: Indoor, outdoor, or, rack mount.
- Outdoor enclosure includes mounting bracket and hose clamp
- CF7W standard connector: F female, 75 ohms
- Supplied with final production graph.

* CF7W Customized pass band/connectors

- * Specify Pass band “Lower and Upper” cutoff frequencies (e.g., see graph—CF7W-470/600).

Specify connector/impedance:

- * 75 ohms impedance connector options: F– male, BNC female/male
- * 50 ohms impedance connector options: SMA, BNC, or N for 50 ohms (specify female or male)



CF7W
Dim (in): 4.0 x 2.5 x 2

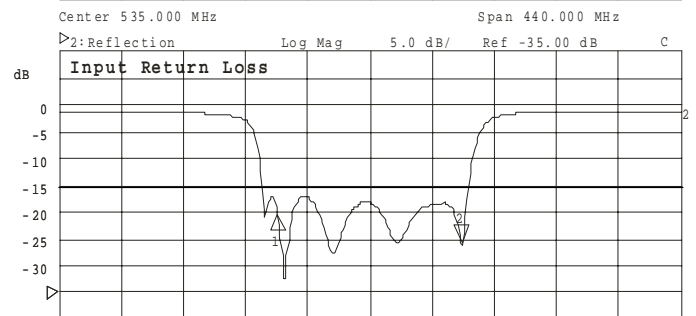
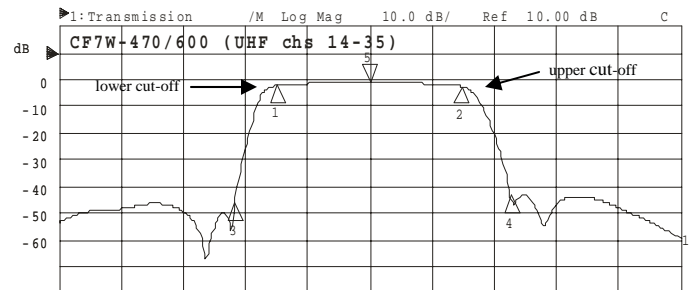


CF7XW
Outdoor Water resistant enclosure
Dim (in): 4.5 x 3.5 x 2



CF7W-RM 1.75 x 19 “
Rack or Wall Mount

Custom CF7W-UHF (470-600 MHz; ch.14-35)



1: Mkr (MHz) dB		2: Mkr (MHz) dB	
1:	470.0000 -2.176	1:	470.0000 -20.185
2:	600.0000 -2.454	2>	600.0000 -25.803
3:	440.0000 -46.011		
4:	635.0000 -43.511		
5>	535.0000 -1.211		

