

FILTERS

■ MODELS BPF-* : CEF750-*

SINGLE CHANNEL BANDPASS FILTER

The **BPF-*** is a 19" rack mount, single channel band pass filter for use when additional channel isolation is required in applications such as UHF to VHF converters, broadband amplifiers or when an unusually high off-air signal creates unwanted beats or distortion.

- Available for Channels 2-13, A-I
- High Adjacent Channel Rejection
- 19" Rack Mount



MODEL BPF-*

SINGLE CHANNEL BANDPASS FILTER : MODEL BPF-*

Bandwidth	6 MHz
Insertion Loss	5 dB (Low & Mid Band), 7 dB (High)
ADJACENT CHANNEL REJECTION	
Lower Video	-60 dB
Lower Audio	-40 dB
Upper Video	-40 dB
Upper Audio	-60 dB

SINGLE CHANNEL ELIMINATION FILTER

The **CEF750-*** is a 19" rack mounted filter intended to eliminate one CATV channel from an adjacent channel system. Applications include replacing one channel or eliminating interfering signals.

- Available for Channels 2-78
- Low Insertion Loss on Adjacent Channel
- High Rejection of Assigned Channel



MODEL CEF750-*

SINGLE CHANNEL ELIMINATION FILTER : MODEL CEF750-*

Channel Rejection (Min.)	-50 dB
ADJACENT CHANNEL INSERTION LOSS	
Low Band Models	-4 dB
Mid/Hi/Super Band Models	-6 dB
Hyper Band Models	-7.5 dB
PASSBAND INSERTION LOSS	
Passband Frequency	54 - 750 MHz
Super Band	3.5 dB (54 - 600 MHz), 5dB (601 - 750 MHz)
Hyper Band (Ch. AA - Ch. RR)	1.5 dB (54 - 500 MHz), 3.5 dB (501 - 750 MHz)
Hyper Band (Ch. SS - Ch. ZZ)	1.5 dB (54 - 500 MHz), 4 dB (501 - 750 MHz)
Low / Mid / Hi Band	2 dB (54 - 600 MHz) 3.5 dB (601 - 750 MHz)

NOTE: All specifications typical unless otherwise noted

HIGH PASS FILTERS

Holland's HPF-54HR high pass filter attenuates ingressive noise in the sub-band section of the cable spectrum to optimize return path services. This filter can also be used to eliminate or restrict user access to the sub-band return frequencies.

- Small Size
- Moisture Resistant
- High Performance Seizing Pin for Increased Reliability
- High Return Loss
- High Sub Band Rejection



MODEL HPF-54HR

HIGH PASS FILTER : MODEL HPF-54HR	
Frequency Range	5 - 1000 MHz
Insertion Loss (54-1000 MHz)	1 dB Max.
Sub Band Rejection (5-40 MHz)	-45 dB Min.
Return Loss (54-1000 MHz)	20 dB Min.

NOTE: All specifications typical unless otherwise noted

CUSTOM FILTERS: LOW PASS, HIGH PASS, NOTCH & TIER TRAPS

Holland Electronics has vast experience in manufacturing custom filters for virtually any application. Our filters and traps have been used by major MSO's for over 17 years. We have the ability to produce filters in a variety of case styles and configurations.

- Positive and Negative Traps
- Low and High Pass, Band Rejection, Window, Data
- Wide Operating Temperature



PRODUCT NUMBER	
LPF-*	Low Pass Filter, Channel / Frequency Assignment
HPF-*	High Pass Filter, Channel Assignment / Frequency Assignment
NF-*	Negative Filter, Channel Assignment / Frequency Assignment
TT-*	Tier Trap, Channel Assignment / Frequency Assignment
WF-*	Window Filter, Channel Assignment / Frequency Assignment
BRF-*	Band Rejection Filter, Channel Assignment / Frequency Assignment