

# FILTERS

MODELS HPF-54HR : LPF-\* : HPF-\* : NF-\* : TT-\* : WF-\* : BRF-\*

## HIGH PASS FILTERS

Holland Electronics' **HPF-54HR** high pass filter attenuates ingress 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.

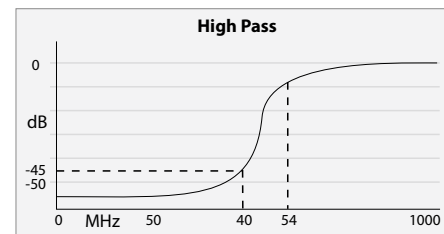
- **High Return Loss**
- **High Sub Band Rejection**
- **High-Performance Seizing Pin for Increased Reliability**
- **Small Size**
- **Moisture Resistant**



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 MSOs since 1989. We have the ability to produce filters in a variety of case styles, configurations and specifications.

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

FILTERS PRODUCED BY HOLLAND ELECTRONICS	
LPF-*	Low-Pass Filter, Channel Assignment / 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

