



# High-Pass Filters

## 54MHz High-Pass Filters

## HPF-54MHZ Series

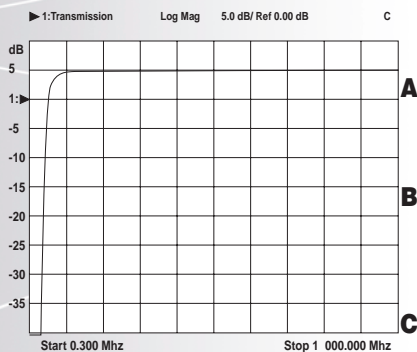
Prevents TV interference from cable-modem output signals – Blocks ingress into upstream low-frequency (5-40MHz) path – Frequency Range 1-1000MHz – High Sub-band Rejection >-40dB – High Return Loss >19dB – Insertion Loss <0.5dB – Rugged Weatherproof Construction – Internal O-Ring for outdoor applications– Nickel Plated Precision Machined Brass

**HPF-54MHZ** Indoor Applications  
**HPFO-54MHZ** Outdoor Applications

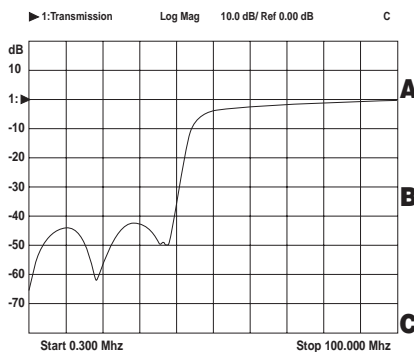
**TRU-SPEC™**  
A PICO MACOM REGISTERED TRADEMARK



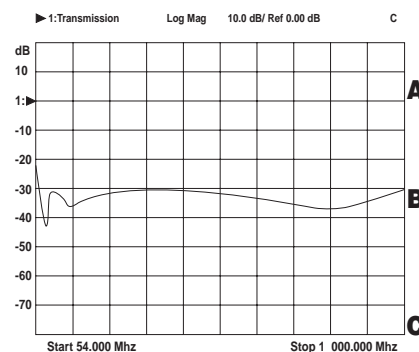
### INSERTION LOSS Typical



### REJECTION



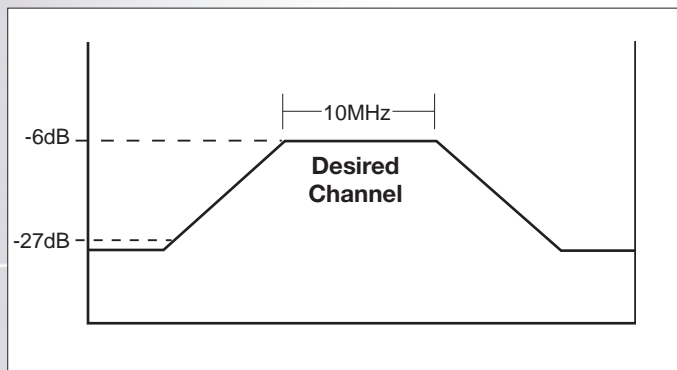
### RETURN LOSS



## Single-Channel Bandpass Filter

## BPF-UHF

Isolates UHF Channel – Prevents amplifier cross modulation and overload distortion caused by strong adjacent carriers entering amplifier - Frequency Range 470–806 MHz – Effective Bandwidth 10MHz – Out of Band Rejection at fo+15MHz >-25dB – Insertion Loss <6dB – Rugged Stamped Steel Housing – Black Powder Coat Finish – Dimensions 3-3/8”(L)x 1-1/8”(D)x 3-3/4”(H) – Weight 0.5 lbs.



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