

Low Cost Single Channel Elimination Filter

Removes Low Band Cable Channels

14070 Channel Elimination Filter



Description:

The single channel elimination filter provides 50 dB attenuation (video-to-audio) of a designated 6 MHz wide television channel (2 through 6), with minimal impact on adjacent channels, to allow reinsertion of new information without interference.

Features:

- Cleanly rejects entire channel
- Passes adjacent channels
- Low cost
- Operating Bandwidth: 5-550 MHz
- Optional Operating Bandwidth: 1000 MHz
- Two year limited warranty
- 1 3/4" low profile rack mounting
- May be cascaded for multiple channel elimination
- Excellent frequency stability

Applications:

- Removal of selected cable channels
- Signal insertion of locally originated signals
- Insertion of converted UHF or VHF signals

Mechanical Specifications:

Dimensions: 19" L x 1 3/4" H x 6" D (Rack Mount)
Connectors: Type "F"

Ordering Information:

14070 - (Channel)

Specifications:

Operating Bandwidth:5-550 MHz
Optional Operating Bandwidth:1000 MHz
Rejection:50 dB Min (55 dB Typ)
Insertion Loss:2 dB Max
Adjacent Carrier Insertion Loss:7 dB Max
Input Return Loss:16 dB (except adjacent channels)
Input Signal Level+12 dBm Max
Operating Temperature:0° C to 50° C