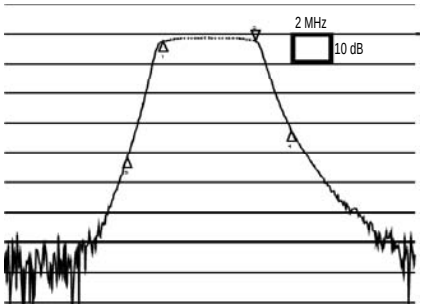
TVIF, FM & Digital Carrier Bandpass Filters

3303 Bandpass Filters



Typical Frequency Response of 3303-TVIF

3303-TVIF

This filter passes the TVIF band, 41.25-45.75 MHz.

Specifications:

Video-Aural Carrier Insertion Loss: ..... 3 dB Max
Return Loss: ..... 14 dB Min
Rejection: ..... 25 dB Min at 39.75 MHz
25 dB Min at 47.25 MHz

Note: Also available with 6 MHz BW for digital compatibility.

3303-72/76

Isolates data carriers on cable systems.

Specifications:

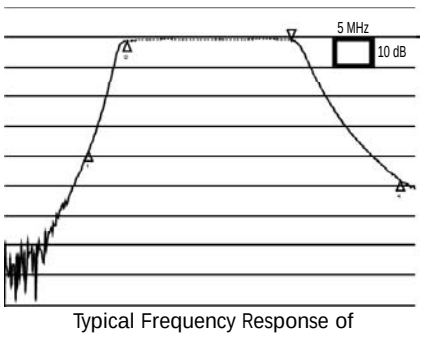
Passband: ..... 72-76 MHz
Passband Insertion Loss: ..... 4 dB Max
Return Loss: ..... 14 dB Min
Rejection: ..... 15 dB Min at 71.25 MHz
20 dB Min at 77.25 MHz

Mechanical Specifications:

Baseplate Dimensions: 10.25" x 1.5"
Rack Mount Available Upon Request
Connectors: 75 ohm - Type "F"

Other models are also available with 2 MHz or 3 MHz bandwidths to isolate digital carriers between channels 4 and 5.

3303FM Bandpass Filters



Typical Frequency Response of 3303FM

3303FM-16 & 3303FM-20

Wideband FM filters.

Specifications:	***3303FM-16***	***3303FM-20***
Passband:	92-108 MHz	88-108 MHz
Insertion Loss:	1.5 dB Max	1.5 dB Max
Rejection at 87.75 MHz:	25 dB Min	3 dB Max
Rejection at 83.25 MHz:	50 dB Min	30 dB Typ
Rejection at 121.25 MHz:	50 dB Min	50 dB Typ
Return Loss:	14 dB Min	14 dB Min

E3303-FM20(U/L)

This filter is used for DMX radio distributed via fiber to isolate digital FM.

Specifications:

Passband: ..... 88.5-107.9 MHz
Insertion Loss: ..... 5 dB Max
Stopbands: ..... 0-87 MHz & 109.25-450 MHz
Rejection: ..... 40 dB Min

Mechanical Specifications:

Baseplate Dimensions for 3303-FM Models: 10.25" x 1.5"
Baseplate Dimensions for E3303-FM 20(U/L): 19" x 5.25"
Rack Mount Available Upon Request
Connectors: 75 ohm - Type "F"