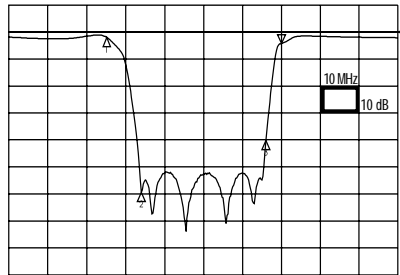


# Multichannel Notch Filters

## 5KMT Wideband Tiering Filters



Typical Frequency Response of 5KMT

## 5KMT Series

Type 5KMT multichannel tiering notch filters are mass produced for low cost, quantity use. See the table for standard models in production. For quantity applications, we can produce your special filter in this style at economical prices. These filters are suitable for pole mounting.

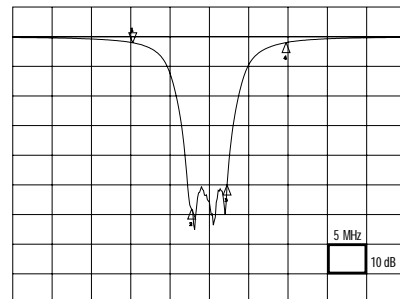
| Model   | Stopband (MHz) | Rejection (Typ) | Passband (MHz) Lower | Passband (MHz) Upper | Loss at Band Edges (Typ) |
|---|----------------|-----------------|----------------------|----------------------|--------------------------|
| 5KMT-PC                                       | 72.25-74.6     | 20 dB           | 5-71.75              | 77-550               | 3 dB Typ*                |
|   | 72.5-74.4      | 30 dB           |                      |                      |                          |
| 5KMT-FM                                       | 92-104         | 50 dB           | 5-87.75              | 109.25-1,000         | 3 dB                     |
| 5KMT-A/E                                      | 121.25-145.25  | 50 dB           | 5-115.25             | 151.25-1,000         | 4 dB                     |
| 5KMT-A/H                                      | 121.25-163.25  | 50 dB           | 5-109                | 169.25-1,000         | 5 dB**                   |
| 5KMT-A/I                                      | 121.25-169.25  | 50 dB           | 5-115.25             | 175.25-1,000         | 5 dB**                   |
| 5KMT-2/6                                      | 55.25-83.25    | 50 dB           | 5-30                 | 91.25-1,000          | 3 dB***                  |
| 5KMT-7/13                                     | 175.25-211.25  | 50 dB           | 5-167.75             | 217.25-1,000         | 6 dB                     |
| * 8 dB at 71.75 MHz                           |                |                 |                      |                      |                          |
| ** 4-6 dB Typ. at 108 MHz                     |                |                 |                      |                      |                          |
| *** 8 dB Typ at 167.75 and 5 dB Typ at 217.25 |                |                 |                      |                      |                          |

## Mechanical Specifications:

Connectors: 75 ohm - Type "F" - Male/Female

# Special Application Filters

## 5258 Low Cost Channel Deletion Filter



Typical Frequency Response of 5258

## 5258 Series

This filter deletes a channel for reinsertion of new programming at the headend or for closed circuit use at a hotel, school or hospital. Adjacent channels are sacrificed.

| Channel    | Video-Audio Rejection | Lower Sound Upper Video Semi-Adj Loss (Typ) | Length In Inches |
|------------|-----------------------|---|------------------|
| 2 to 6     | 40 dB                 | 3.0 dB                                      | 11.60            |
| (A-2) to I | 50 dB                 | 5.0 dB                                      | 9.20             |
| 7 to 13    | 50 dB                 | 5.0 dB                                      | 9.20             |
| J to W     | 50 dB                 | 5.0 dB                                      | 6.80             |
| AA to OO   | 50 dB                 | 6.0 to 8.0 dB                               | 4.50             |
| PP to WW   | 50 dB                 | 5.0 dB                                      | 10.25            |

## Mechanical Specifications:

Dimensions: Length varies from 4.5" to 11.6" based on channel

Diameter is .875"

Connectors: 75 ohm - Type "F" - Male/Female

## Ordering Information:

5258-(Channel #)

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