



Tubular LC Highpass Custom Built LC Filters - .5 MHz to 500 MHz

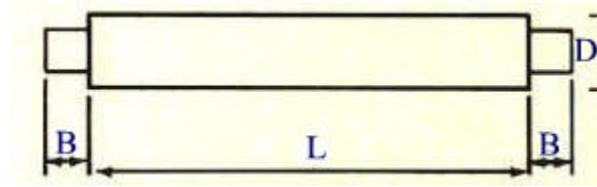
thpPrinter

- ▶ **Reduced Size over Conventional Tubular Filters**
- ▶ **Low Insertion Loss - 0.2 dB per Section**
- ▶ **1 dB Maximum Ripple**
- ▶ **BNC Connectors Standard, SMA Connectors Available**
- ▶ **Order Any Cut-off Frequency from 0.5 MHz to 1000 MHz**
- ▶ **Passive LC Filter Design**
- ▶ **Good Temperature Stability: -55° to +85° C**
- ▶ **50 Ohms (75 and 100 Ohm Impedance available to 50 MHz)**
- ▶ **1 Watt Power Handling Capacity**

Tubular L-C Highpass Filters - Series THP				
Ordering Procedure - Examples				
Filter Type (THP)	Cut-Off Frequency	Number of Sections (See Graph)	Impedance (Ohms)	B (for BNC Connectors)
				S (for SMA Connectors)
Examples below				
THP500P2050B	500P = 500 MHz	2	050 = 50 Ohms	B
THP50P03075S	50P0 = 50.0 MHz	3	075 = 75 Ohms	S
THP5P554100B	5P55 = 5.55 MHz	4	100 = 100 Ohms	B
<p style="text-align: center;">Cut-off Frequency can be any 4 characters from .5MHz (00P5) to 1000 MHz (1000) "P" represents the decimal point and, if used, is valid only in the 2, 3, and 4th position</p> <p style="text-align: center;">Examples: 5P55 = 5.55 MHz, 58P7 = 58.7 MHz, 500P = 500MHz, 1000 = 1000 MHz</p> <p style="text-align: center;">Mechanical Specifications in .pdf format (when online) (click here)</p>				
Performance Graph & Dimensions below				

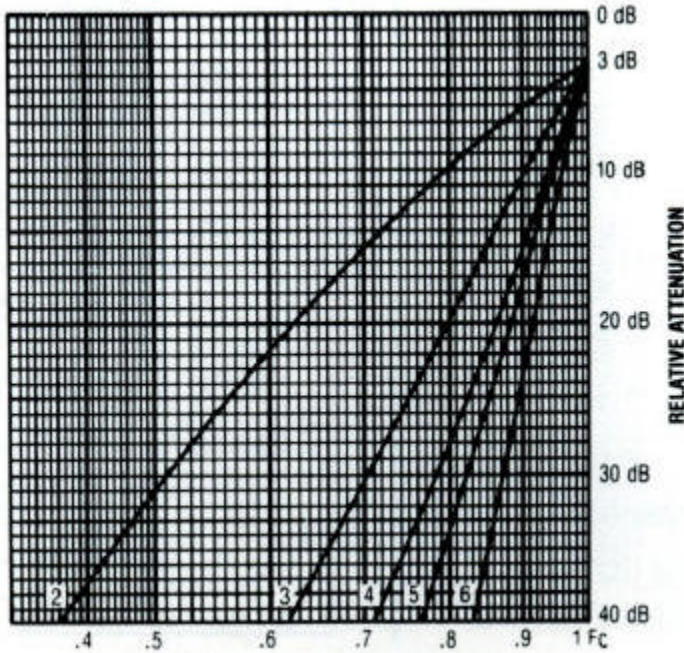
Series THP Performance Graph & Dimensions below

Number of Sections (See Graph)	20 dB	40dB	Size
2	.625	.435	TA
3	.800	.625	TA
4	.870	.714	TB
5	.877	.769	TB
6	.909	.833	TC



B = .45 for BNC
 B = .35 for SMA
 D = .50

All filters are supplied in .500 diameter sealed metal tubes with BNC connectors or SMA connectors



(L) Size (Inches)

TA	2.00
TB	2.50
TC	3.00

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We are pleased to accept

