



## Tubular LC Lowpass Custom Built LC Filters - .5 MHz to 1000 MHz

tlpPrinter

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| <ul style="list-style-type: none"> <li>▶ <b>Reduced Size over Conventional Tubular Filters</b></li> <li>▶ <b>Low Insertion Loss - 0.2 dB per Section</b></li> <li>▶ <b>0.5 dB Maximum Ripple</b></li> <li>▶ <b>BNC Connectors Standard, SMA Connectors Available</b></li> <li>▶ <b>Order Any Cut-off Frequency from 0.5 MHz to 1000 MHz</b></li> </ul> | <ul style="list-style-type: none"> <li>▶ <b>Passive LC Filter Design</b></li> <li>▶ <b>Good Temperature Stability: -55° to +85° C</b></li> <li>▶ <b>50 Ohms (75 and 100 Ohm Impedance available to 50 MHz)</b></li> <li>▶ <b>1 Watt Power Handling Capacity</b></li> </ul> |
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### Tubular L-C Lowpass Filters - Series TLP

#### Ordering Procedure - Examples

Filter Type (TLP)	Cut-Off Frequency	Number of Sections (See Graph)	Impedance (Ohms)	B (for BNC Connectors)
				S (for SMA Connectors)
<b>Examples below</b>				
<b>TLP500P2050B</b>	500P = 500 MHz	2	050 = 50 Ohms	B
<b>TLP50P03075B</b>	50P0 = 50.0 MHz	3	075 = 75 Ohms	B
<b>TLP5P554100S</b>	5P55 = 5.55 MHz	4	100 = 100 Ohms	S

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

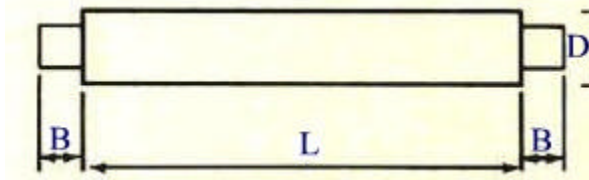
**Examples:** 5P55 = 5.55 MHz, 58P7 = 58.7 MHz, 500P = 500MHz, 1000 = 1000 MHz

[Mechanical Specifications in .pdf format \(when online\) \(click here\)](#)

**Performance Graph & Dimensions below**

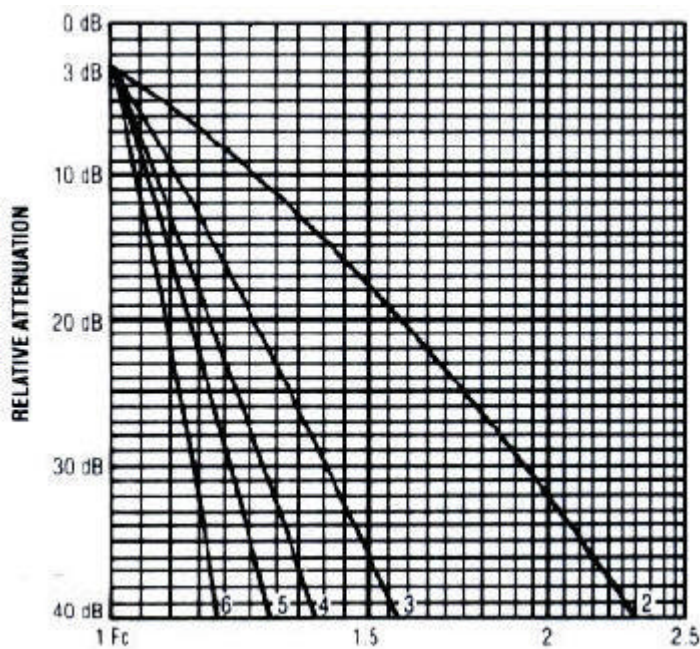
Tubular L-C Lowpass Filter Series TLP Performance Graph & Dimensions below

Number of Sections (See Graph)	20 dB	40dB	Size
2	1.60	2.30	TA
3	1.25	1.60	TA
4	1.15	1.40	TB
5	1.14	1.30	TB
6	1.10	1.20	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

