

# 5% Tunable Bandpass Filters — BT Series

## ◆ Features:

- Available From Stock
- Manual Frequency Selection
- Direct-readout Center Frequency Dial
- 5 Section, Chebyshev Filter Response
- Digitally Controlled Versions Available
- Plots and s2p files are available for select models.  
Please click on blue hyperlinks under "K&L Model" column to view.

## ◆ Applications:

- ATE Labs
- Wireless Communications
- CATV Test Verification
- Surveillance

## ◆ Specifications:



K&L Model	Frequency Range (MHz)	Insertion Loss at $f_0$	Length Inch/mm	Width Inch/mm	Height Inch/mm
<a href="#">5BT-24/48-5-N/N</a>	24-48	1.3 dB Max	9.80/249	5.38/137	2.75/50
<a href="#">5BT-30/76-5-N/N</a>	30-76	1.3 dB Max	9.80/249	5.38/137	2.75/50
<a href="#">5BT-48/95-5-N/N</a>	48-95	1.3 dB Max	9.80/249	5.38/137	2.75/50
<a href="#">5BT-63/125-5-N/N</a>	63-125	1.3 dB Max	9.80/249	5.38/137	2.75/50
<a href="#">5BT-95/190-5-N/N</a>	95-190	1.3 dB Max	9.80/249	5.38/137	2.75/50
<a href="#">5BT-125/250-5-N/N</a>	125-250	1.3 dB Max	9.80/249	5.38/137	2.75/50
<a href="#">5BT-190/375-5-N/N</a>	190-375	1.3 dB Max	9.80/249	5.38/137	2.75/50
<a href="#">5BT-250/500-5-N/N</a>	250-500	1.0 dB Max	9.80/249	5.38/137	2.75/50
<a href="#">5BT-375/750-5-N/N</a>	375-750	1.0 dB Max	9.80/249	5.38/137	2.75/50
<a href="#">5BT-500/1000-5-N/N</a>	500-1000	1.0 dB Max	9.80/249	5.38/137	2.75/50
<a href="#">5BT-750/1500-5-N/N</a>	750-1500	1.0 dB Max	9.80/249	5.38/137	2.75/50
<a href="#">5BT-1000/2000-5-N/N</a>	1000-2000	1.0 dB Max	7.38/187	2.88/73	2.75/50
<a href="#">5BT-1200/2600-5-N/N</a>	1200-2600	1.0 dB Max	7.38/187	2.88/73	2.75/50
<a href="#">5BT-1500/3000-5-N/N</a>	1500-3000	1.0 dB Max	7.38/187	2.88/73	2.75/50

Type	Nominal 3 dB BW	VSWR at $f_0$	Impedance	Shape Factor 30 dB to 3 dB / 50 dB to 3 dB	Power Handling at $f_0$	Dial Accuracy	RF Connector
5 Section	5%	1.5:1	50 Ohms	2.2:1 / 3.5:1	50 Watts CW	+/- 1%	Type N

Custom configurations and ruggedized versions also available. Contact the factory for custom requirements.