

High Frequency Manually-Controlled Tunable Filters

◆ Features:

- Manually Controlled
- High Performance Coaxial Cavity Design
- Multiple Tuning Ranges Available



◆ Specifications:

K&L Model Bandpass	Frequency Range (MHz)	Insertion Loss at f_0 (typical)	Insertion Loss at f_0 (max)	3 dB Bandwidth (nominal)	VSWR at f_0 (typical)	Approx. Size X Y Z (inches)
5CTB-2000/4000-1-N/N	2000 - 4000	1.25 dB	1.75 dB	1%	1.5:1	8.05 x 7.25 x 3.01
5CTB-4000/6000-1-N/N	4000 - 6000	2.5 dB	3.0 dB	1%	1.5:1	6.75 x 5.63 x 3.01
5CTB-6000/8000-1-N/N	6000 - 8000	2.5 dB	3.0 dB	1%	1.5:1	6.75 x 5.63 x 3.01
5CTB-2000/4000-2-N/N	2000 - 4000	0.75 dB	1.25 dB	2%	1.5:1	8.05 x 7.25 x 3.01
5CTB-4000/6000-2-N/N	4000 - 6000	1.5 dB	2.0 dB	2%	1.5:1	6.75 x 5.63 x 3.01
5CTB-6000/8000-2-N/N	6000 - 8000	1.5 dB	2.0 dB	2%	1.5:1	6.75 x 5.63 x 3.01
5CTB-2000/4000-5-N/N	2000 - 4000	0.4 dB	1.0 dB	5%	1.5:1	8.05 x 7.25 x 3.01
5CTB-4000/6000-5-N/N	4000 - 6000	1.0 dB	1.5 dB	5%	1.5:1	6.75 x 5.63 x 3.01
5CTB-6000/8000-5-N/N	6000 - 8000	1.0 dB	1.5 dB	5%	1.5:1	6.75 x 5.63 x 3.01
Filter Type:	5-Section Bandpass					
Shape Factor (30 dB to 3 dB/ 50 dB to 3 dB):	2.2:1/3.5:1					
Impedance:	50 ohms					
RF Connectors:	Type N standard, SMA optional					

◆ Applications:

- Test and Measurement Facilities
- Troubleshooting Co-location Environments
- Wireless Communications

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