

Tunable Bandreject (Notch) Filters — TNF Series

◆ Features:

- Available From Stock
- Manual Frequency Selection
- Direct-readout Center Frequency Dial
- Greater than 45 dB Attenuation Typical
- Digitally Controlled Versions Available

◆ Applications:

- ATE Labs
- Wireless Communications



◆ Specifications:

K&L Model	Frequency Range* (MHz)	Type	3 dB BW Range (MHz) (Relative)	40 dB Min. BW (KHz) (Relative)	Typ. Notch Depth (Relative)	Length Inch/mm	Width Inch/mm	Height Inch/mm
3TNF-30/76-N/N	30-76	3 Sec.	1-2.5	100	50 dB	6.56/167	5.38/137	2.75/70
3TNF-50/100-N/N	50-100	3 Sec.	3-6	300	50 dB	6.56/167	5.38/137	2.75/70
3TNF-100/200-N/N	100-200	3 Sec.	3-6	300	50 dB	6.56/167	5.38/137	2.75/70
3TNF-200/400-N/N	200-400	3 Sec.	3-7	300	50 dB	6.56/167	5.38/137	2.75/70
3TNF-250/500-N/N	250-500	3 Sec.	3-7	300	50 dB	6.56/167	5.38/137	2.75/70
3TNF-500/1000-N/N	500-1000	3 Sec.	6-16	400	45 dB	6.56/167	5.38/137	2.75/70
3TNF-800/1000-0.2-N/N	800-1000	3 Sec.	1.6-2.6	N/A	40 dB	6.56/167	5.38/137	2.75/70
3TNF-1000/2000-N/N	1000-2000	3 Sec.	9-24	400	45 dB	6.56/167	2.88/73	2.75/70
3TNF-1500-3000-N/N	1500-3000	3 Sec.	10-27	800	50 dB	5.36/136	2.81/71	2.53/64
5TNF-1700/2000-0.1-N/N	1700-2000	5 Sec.	3-3.6	N/A	30 dB	7.39/188	3.31/84	2.75/70

Passband VSWR	Insertion Loss	Impedance	Power Handling (within Passband)	Dial Accuracy	RF Connector
1.5:1	< 0.5 dB	50 Ohms	50 Watts CW	+/- 1%	Type N

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

* The "Frequency Range" column indicates the Passband Range as well as the Tuning Range of the filter. The passband performance outside of that frequency range is not defined.

