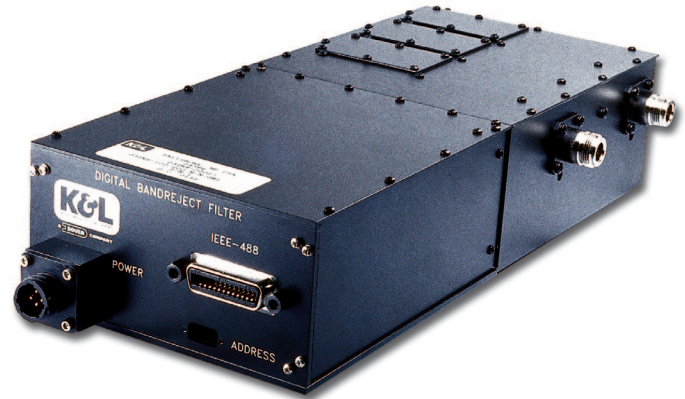


Digitally Controlled Tunable Notch Filters

◆ Features:

- Digital Control Allows Complete Automated Operation Via Remote Interfaces.
- GPIB (IEE-488) Standard Remote Interface, RS-232, RS-422, and BCD also Available.
- 24 VDC Standard Drive Voltage, 12 VDC, and 110 VAC also Available
- Contact Factory for Custom Tuning Ranges and Configurations.



◆ Applications:

- ATE Labs
- Wireless Communications
- Military Communications

◆ Specifications:

K&L Model Bandreject	Frequency Range* (MHz)	Passband Insertion Loss	3 dB BW (MHz) (Relative)	40 dB Min. BW (KHz) (Relative)	Typ. Notch Depth (Relative)	VSWR	Power Handling
D3TNF-30/76-N/N-GRI	30-76	0.5 dB Max	1 - 2.5	100	50 dB	1.5:1	50 Watts CW
D3TNF-50/100-N/N-GRI	50-100	0.5 dB Max	3 - 6	300	50 dB	1.5:1	50 Watts CW
D3TNF-100/200-N/N-GRI	100-200	0.5 dB Max	3 - 6	300	50 dB	1.5:1	50 Watts CW
D3TNF-200/400-N/N-GRI	200-400	0.5 dB Max	3 - 7	300	50 dB	1.5:1	50 Watts CW
D3TNF-250/500-N/N-GRI	250-500	0.5 dB Max	3 - 7	300	50 dB	1.5:1	50 Watts CW
D3TNF-500/1000-N/N-GRI	500-1000	0.5 dB Max	6 - 16	400	45 dB	1.5:1	50 Watts CW
D3TNF-1000/2000-N/N-GRI	1000-2000	0.5 dB Max	9 - 24	400	45 dB	1.5:1	50 Watts CW
Filter Type:	3 Section Notch						
Impedance:	50 Ohms						
RF Connectors:	Type N Standard, SMA/TNC/BNC Optional						
Digital Interface:	GPIB Standard, RS-232 / RS-422 / BCD Optional						
Control Power:	24 VDC Standard, 12 VDC / 110 VAC Optional						

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.

Digitally Controlled Tunable Notch Filters

◆ D3TNF Mechanical:

