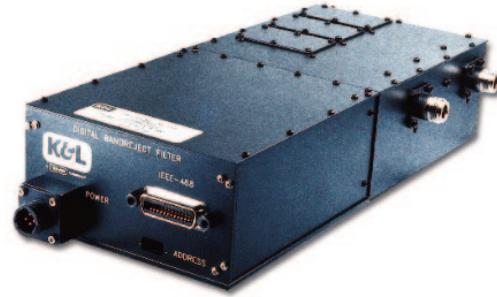


Tunable Notch Filters, Digitally-Controlled, LTE Bands

◆ 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, 110 VAC, and 220 VAC also available.
- Contact factory for custom tuning ranges and configurations.



◆ Applications:

- ATE Labs
- Wireless Communications
- Military Communications

◆ Specifications:

K&L Model	Tuning Range (MHz)	Passband Range (MHz)	3 dB Bandwidth Maximum (MHz)***	Rejection Bandwidth Minimum (MHz)	Rejection Bandwidth Level (dB)
D5TNF-650/1000-1.4MHZ-N/N-GRI	650 - 1000	520 - 1050	7	1.4	40
D5TNF-650/1000-3MHZ-N/N-GRI	650 - 1000	520 - 1050	15	3	40
D5TNF-650/1000-5MHZ-N/N-GRI	650 - 1000	520 - 1050	20	5	40
D5TNF-650/1000-10MHZ-N/N-GRI	650 - 1000	520 - 1050	30	10	40
D5TNF-650/1000-15MHZ-N/N-GRI	650 - 1000	520 - 1050	48	15	35
D5TNF-650/1000-20MHZ-N/N-GRI	650 - 1000	520 - 1050	56	20	35
D5TNF-1000/2000-1.4MHZ-N/N-GRI	1000 - 2000	750 - 2100	10.5	1.4	40
D5TNF-1000/2000-5MHZ-N/N-GRI	1000 - 2000	750 - 2100	24	5	40
D5TNF-1000/2000-10MHZ-N/N-GRI	1000 - 2000	750 - 2100	40	10	40
D5TNF-1000/2000-15MHZ-N/N-GRI	1000 - 2000	750 - 2100	48	15	35
D5TNF-1000/2000-20MHZ-N/N-GRI	1000 - 2000	750 - 2100	56	20	35
D5TNF-2000/2700-1.4MHZ-N/N-GRI	2000 - 2700	1500 - 3000	10.5	1.4	35
D5TNF-2000/2700-5MHZ-N/N-GRI	2000 - 2700	1500 - 3000	24	5	40
D5TNF-2000/2700-10MHZ-N/N-GRI	2000 - 2700	1500 - 3000	35	10	40
D5TNF-2000/2700-15MHZ-N/N-GRI	2000 - 2700	1500 - 3000	54	15	35
D5TNF-2000/2700-20MHZ-N/N-GRI	2000 - 2700	1500 - 3000	65	20	35
D5TNF-2700/4000-5MHZ-N/N-GRI	2700 - 4000	2000 - 4000	28	5	35
D5TNF-2700/4000-10MHZ-N/N-GRI	2700 - 4000	2000 - 4000	58	10	35
D5TNF-2700/3800-20MHZ-N/N-GRI	2700 - 3800	2000 - 4000	60	20	25

***3 dB Bandwidth Note: The 3 dB bandwidth will not necessarily be centered on the tuned center frequency of the filter. The amount and direction of skewing will vary depending on the tuned center frequency. Additional details available upon request.

Passband Insertion Loss	1.0 dB maximum	Tuning Speed	10 seconds maximum
Passband VSWR	1.5:1 maximum	Voltage	28 VDC
Control Interface	GPIB	RF Connectors	Type N Female

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