

Digitally Controlled High Frequency Tunable Bandreject Filters

◆ Features:

- Digitally Controlled
- Capacitively coupled for broader passband performance than traditional high frequency tunable notch filters
- High Performance Coaxial Cavity Design
- Ultra Broad Passband Performance
- Innovative topology allows for higher frequency than that of other tunable notch filters
- Drive Voltages Include 12 VDC (standard), 110 VAC, 24 VDC, 220 VAC
- Remote Interfaces Include USB (standard) GPIB, RS-232, and RS-422



◆ Applications:

- ATE Labs
- Wireless Communications
- Surveillance

◆ Specifications:

K&L Model	Tuning Range (MHz)	Passband Range (MHz)	3 dB Max Bandwidth (MHz)	40 dB Nominal Bandwidth (MHz)	Type
D5CTN-4000/6000-100MHz-O/O-MQI	4000-6000	DC-6000	400	100	5 Sections
D5CTN-4000/6000-25MHz-O/O-MQI	4000-6000	DC-6000	160	25	5 Sections
D5CTN-3000/5000-100MHz-O/O-MQI	3000-5000	DC-5000	300	100	5 Sections
D5CTN-3000/5000-25MHz-O/O-MQI	3000-5000	DC-5000	110	25	5 Sections

Passband VSWR	Passband Insertion Loss	Power Supply	Control Interface	RF Connector
2.0:1 max	1.0 dB max	+12 VDC	USB	SMA

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

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