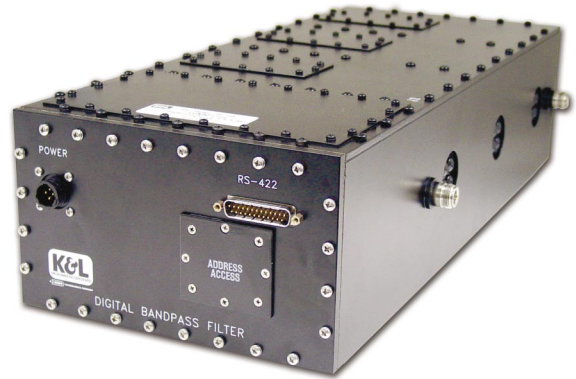


# UHF Autotuned Filter - D3HBTM-225/400-0.3-N/N-BRI

## ◆ Features:

- High Q, Low Loss
- Super Narrow 3 dB BW
- Digitally Controlled
- Available Remote Interfaces include RS-422 (shown), RS-232, GPIB (IEEE-488), and BCD. Customer Interfaces also available
- Drive Voltages Include 12 VDC, 24 VDC, and 110 VAC
- Ruggedized Package Designed for Mobile Environments

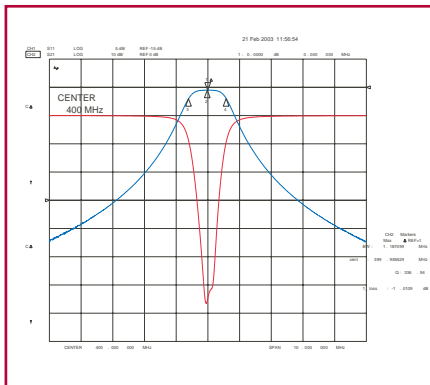


## ◆ Specifications:

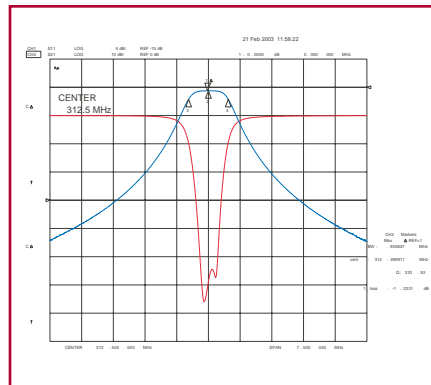
Tuning Range:	225 to 400 MHz	Tuning Accuracy:	75 KHz Typ, 150 KHz Max
Insertion Loss:	2.0 dB Max	Drive Voltage:	28 VDC, (Others available)
VSWR:	1.5:1 Max	Humidity:	85% Operating, 95% Storage
Impedance:	50 Ohms	EMC / EMI Intent:	Mil-Std-461
3dB BW:	0.3%	Size:	20.0"L x 8.3"W x 5.38"H (508 x 211 x 137mm)
Shape Factor (30dB to 3dB):	4.5:1 (3.5:1 Nom)		
Control Logic:	RS-422 (Others available)		
RF Power Handling:	40 Watts Average, 160 Watts Peak		
RF Connectors:	Type "N", Female		
Operating Temperature:	-20 to 45 deg C		
Storage Temperature:	-40 to 70 deg C		
Tuning Time (Entire Range):	7 Seconds Typ, 10 Seconds Max		

## ◆ Applications:

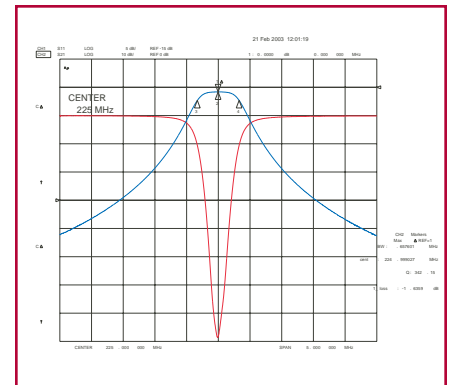
- Air Traffic Control
- Military Communication
- Surveillance



Passband/Return Loss  
@ 400 MHz



Passband/Return Loss  
@ 312.5 MHz



Passband/Return Loss  
@ 225 MHz

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