

D2HBTM-85/165-0.5-N/N-BRI - VHF Autotuned Filter

◆ Features:

- High Q, Low Loss
- Narrow 3 dB BW
- Digitally Controlled
- Available Remote Interfaces include RS-422 (shown), RS-232, 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:	85 to 165 MHz	Tuning Time (Entire Range):	7 Seconds Typ, 10 Seconds Max
Insertion Loss:	1.8 dB Max.	Tuning Accuracy:	25 KHz Typ, 50 KHz Max
VSWR:	1.5:1 Max.	Drive Voltage:	28 VDC, (Others available)
Impedance:	50 Ohms	Humidity:	85% Operating, 95% Storage
3dB BW:	0.5% Fo Typ.	EMC / EMI Intent:	Mil-Std-461
Shape Factor (30dB to 3dB):	7.0:1 Max, 6.5:1 Typ.	Size:	12.02"L x 12.42"W x 4.84"H (305.3 x 315.5 x 123mm)
Control Logic:	RS-422 (Others available)		
RF Power Handling:	50 Watts Average, 200 Watts Peak		
RF Connectors:	Type "N", Female		
Operating Temperature:	-20 to 45 deg C		
Storage Temperature:	-40 to 70 deg C		

◆ Applications:

- Air Traffic Control
- Military Communication
- Surveillance

Filtering Solutions for Your Global Market

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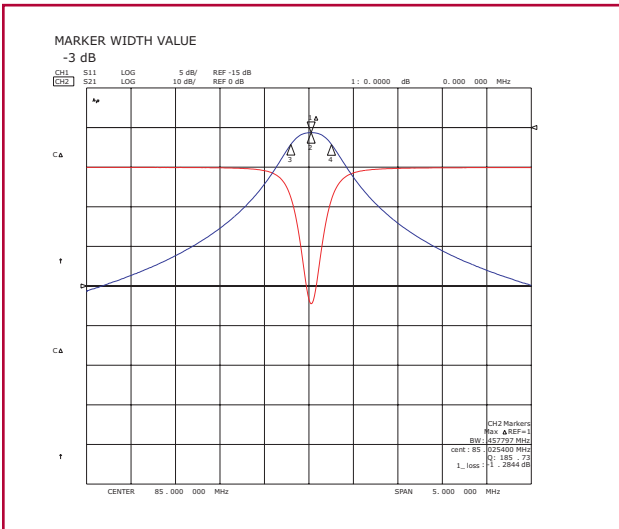
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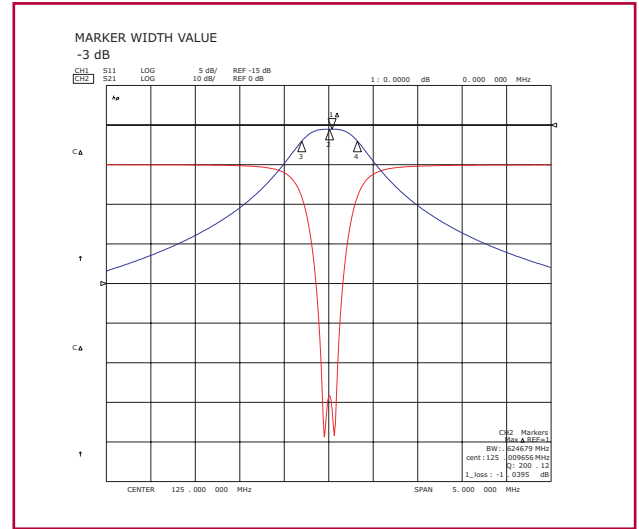
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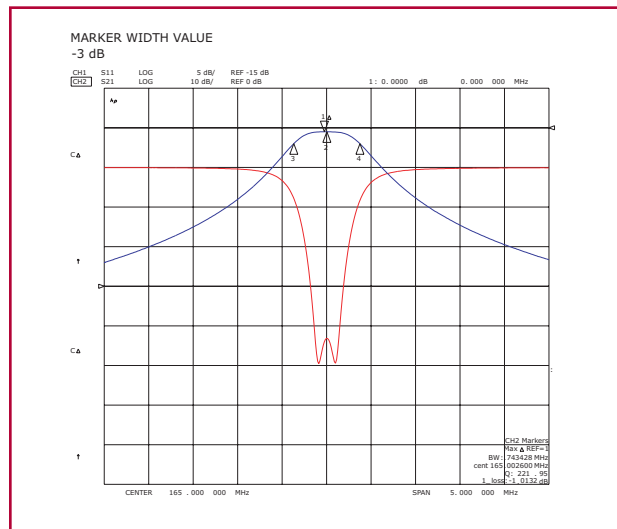
D2HBTM-85/165-0.5-N/N-BRI - VHF Autotuned Filter



Passband/VSWR response @ 85 MHz



Passband/VSWR response @ 125 MHz



Passband/VSWR response @ 165 MHz

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