

**Data Sheet**

Product Category: IF SAW Filter

Part Number	Package	Application	Last Modified
835-IF44.0M-E	35.0 x 12.8 Thru Hole	Base Station & Repeater	Jan. 01, 2007

TYPE :

44.0 MHz Bandpass Filter

PART NUMBER :

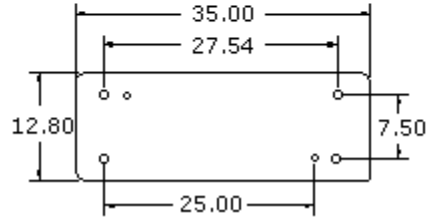
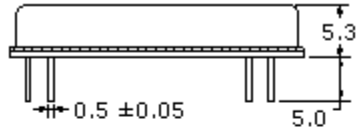
835-IF44.0M-E**OPERATING CONDITIONS / ELECTRICAL CHARACTERISTICS**

PARAMETERS	Minimum	Typical	Maximum	Units
Center Frequency	43.95	44.0	44.05	MHz
Insertion Loss	-	24.5	25.5	dB
Source Impedance (single ended)*	-	50	-	ohm
Load Impedance (single ended)*	-	50	-	ohm
1.0dB Bandwidth	5.4	5.5	-	MHz
3.0dB Bandwidth	5.6	5.68	-	MHz
40.0dB Bandwidth	-	6.45	6.6	MHz
Amplitude Ripple	-	0.5	0.8	dBp-p
Group Delay Variation	-	65	100	ns
Absolute Delay at Fo	-	4.07	-	µs
Ultimate Rejection	45	50	-	dB
Temperature Coefficient	-	-94	-	ppm/°C

* with Matching Network (Ref. Testing Environment Circuit as shown below). Those impedances could be modified with different impedances values and/or structures, if necessary.

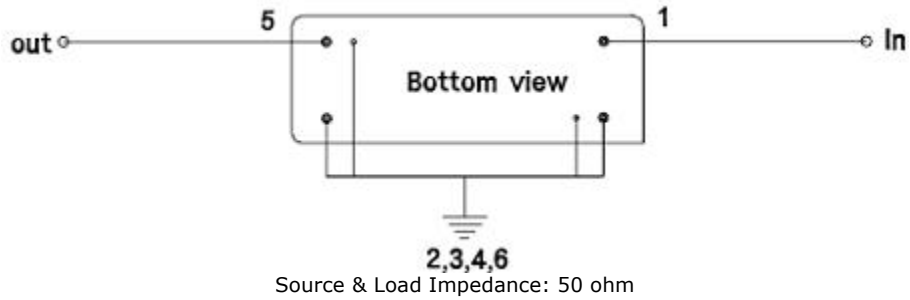
** Custom SAW IF Filters available. Contact Oscilent for assistance.

PACKAGE OUTLINE (mm)

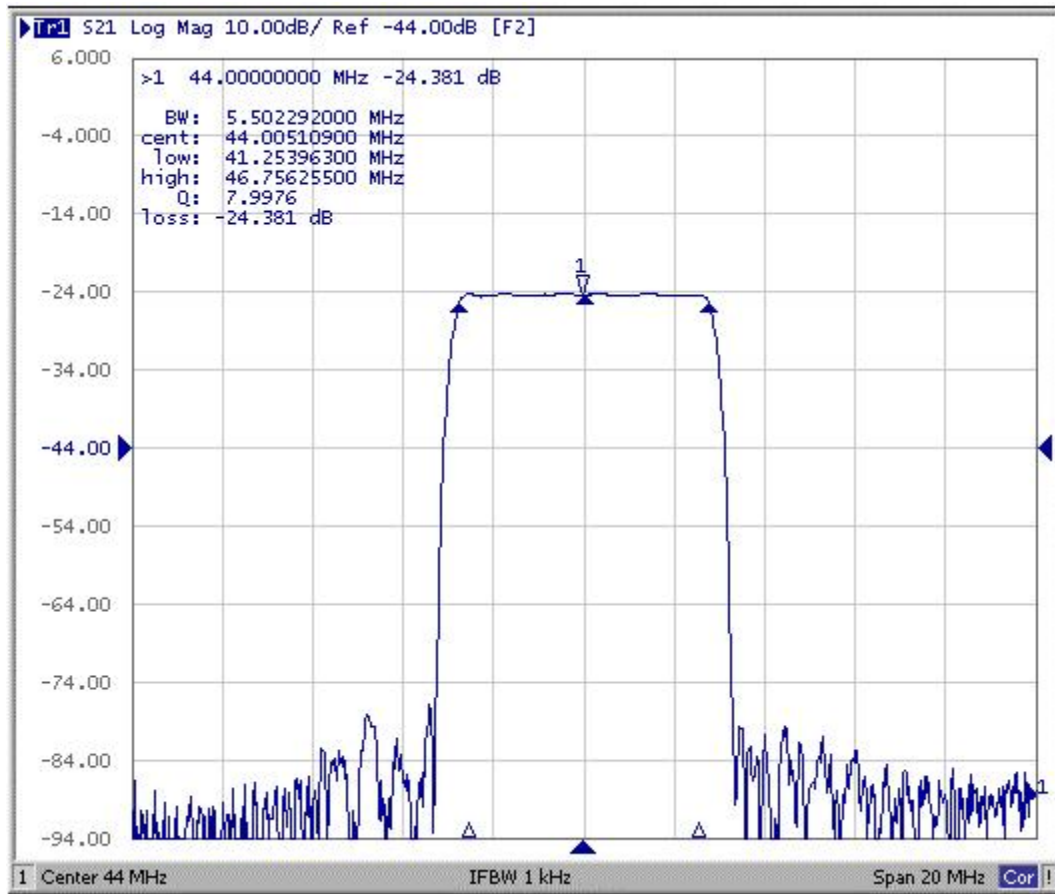


PIN Descriptions: IN-1, OUT 5, GROUND -2,3,4,6,Case

TEST ENVIRONMENT



FREQUENCY RESPONSE



Oscilent Corporation - CALL **949.252.0522**

Part No.: 835-IF44.0M-E

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