

Customer Name	Standard specification	FUJITSU MEDIA DEVICES LIMITED	
Application	CATV updown converter 1 st IF filter	FMD Part Number	FAR-F6CV-1G2200-C27A
		DATE	May. 6 2003
Center Frequency	1220 MHz	Version 1.1	

Table 1. Electrical specification

Passband : 1216 ~ 1224 MHz						
Item	Condition	Specification			Unit	Remarks
		Min.	Typ.	Max.		
Insertion Loss	1216~1224 MHz	-	3.2	4.5	dB	
Ripple	1216~1224 MHz	-	0.4	1.4	dB	
Absolute attenuation	500~1129 MHz	52	61	-	dB	
	1129~1135MHz	58	65	-	dB	
	1144~1152 MHz	55	63	-	dB	
	1132 MHz	58	64	-	dB	
	1148 MHz	58	63	-	dB	
	1176 MHz	52	60	-	dB	
	1184 MHz	52	58	-	dB	
	1290~2000 MHz	50	59	-	dB	
Operating Temperature		-30 ~ +85			°C	
Device Size		2.5 x 2.0 x 1.0			mm	
Input/Output Impedance (Balance ended)		200			ohm	

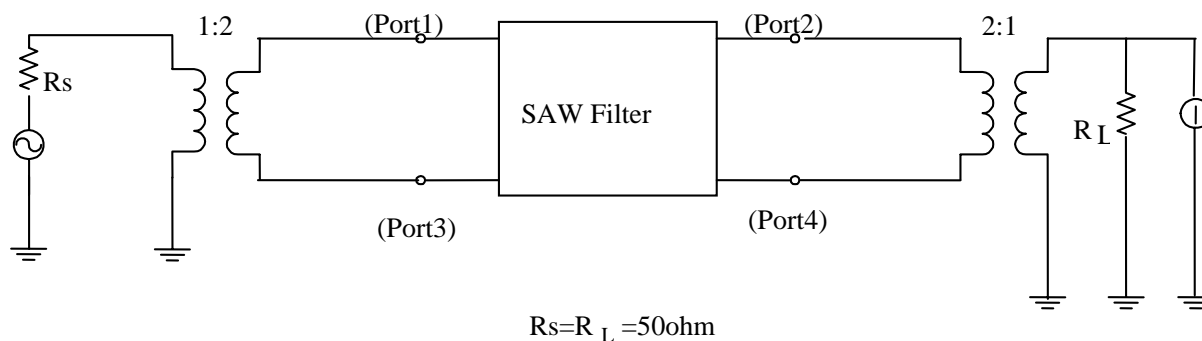
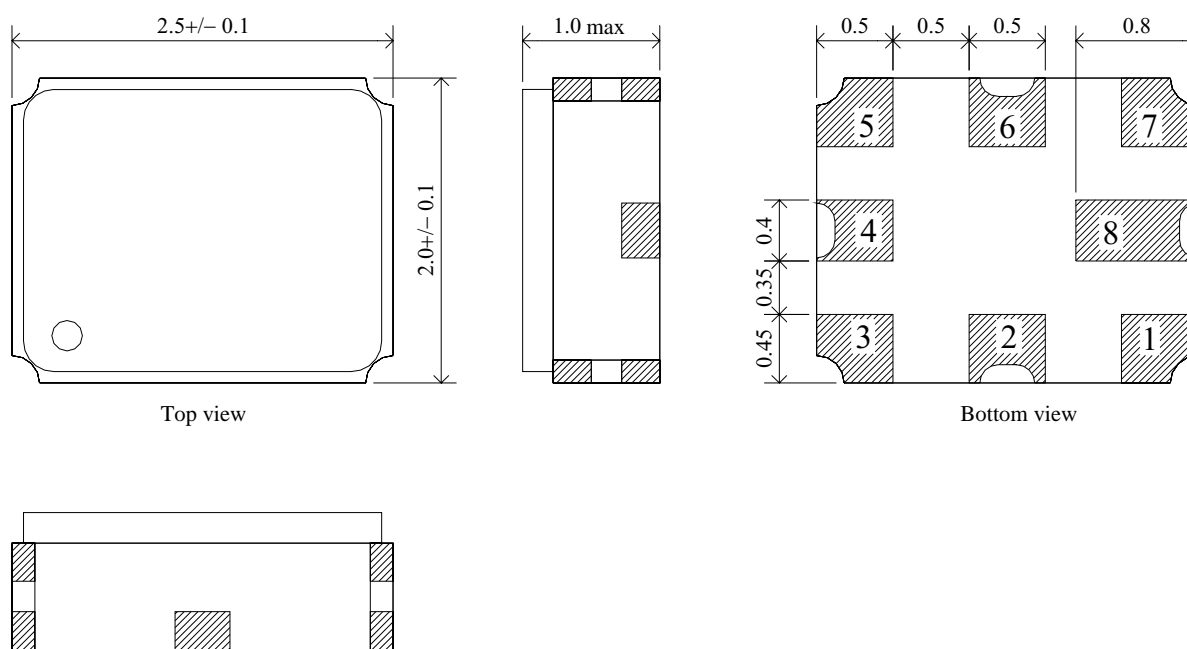


Figure 1. EQUIVALENT TEST CIRCUIT

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Pin assignment of 2520 dual filter



Pin No.	Pin name	Description
1	IN1	Balanced Input1
2	IN2	Balanced Input2
3	GND	Ground pin
4	GND	Ground pin
5	OUT2	Balanced Output2
6	OUT1	Balanced Output1
7	GND	Ground pin
8	GND	Ground pin

Figure 2. Package

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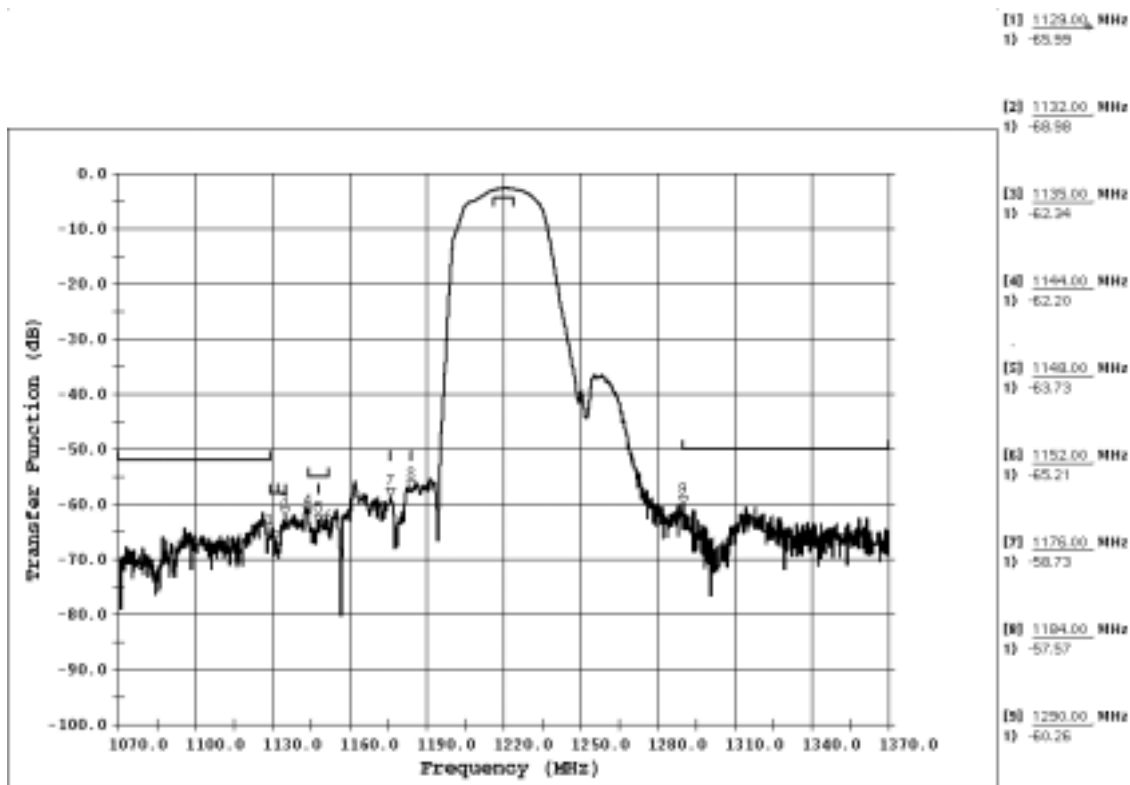


Figure 3-1. Pass-band characteristics 1

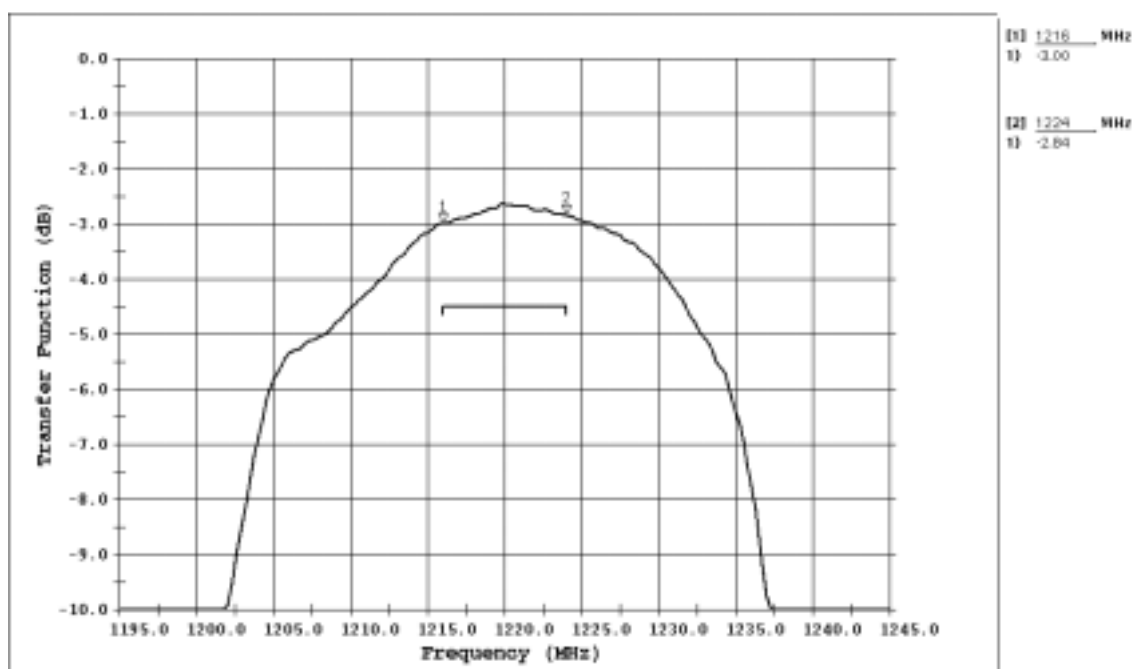


Figure 3-2. Pass-band characteristics 2

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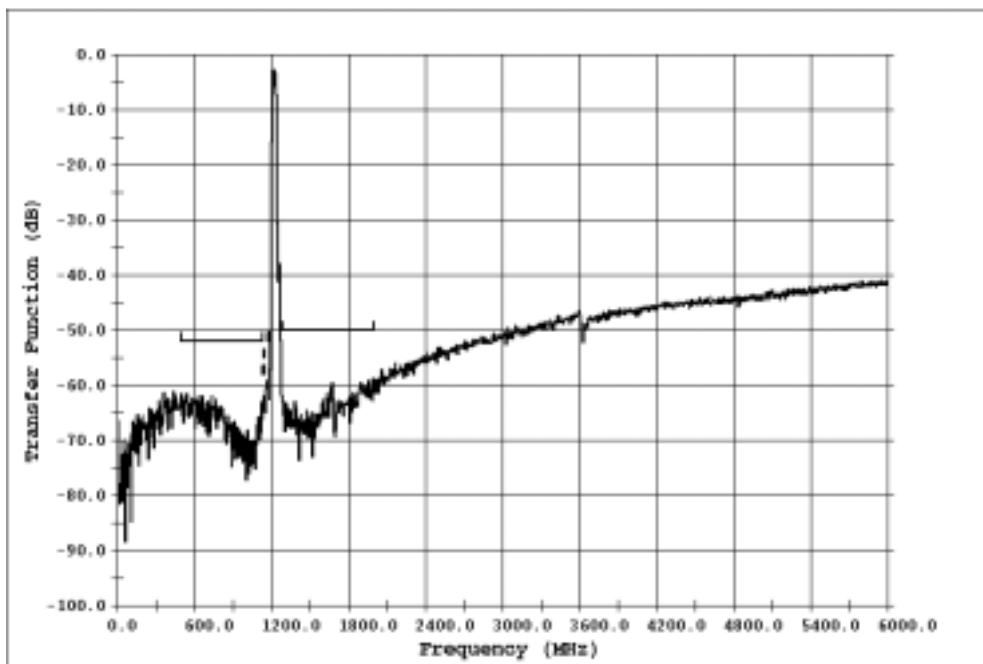


Figure 3-3. Wideband characteristics

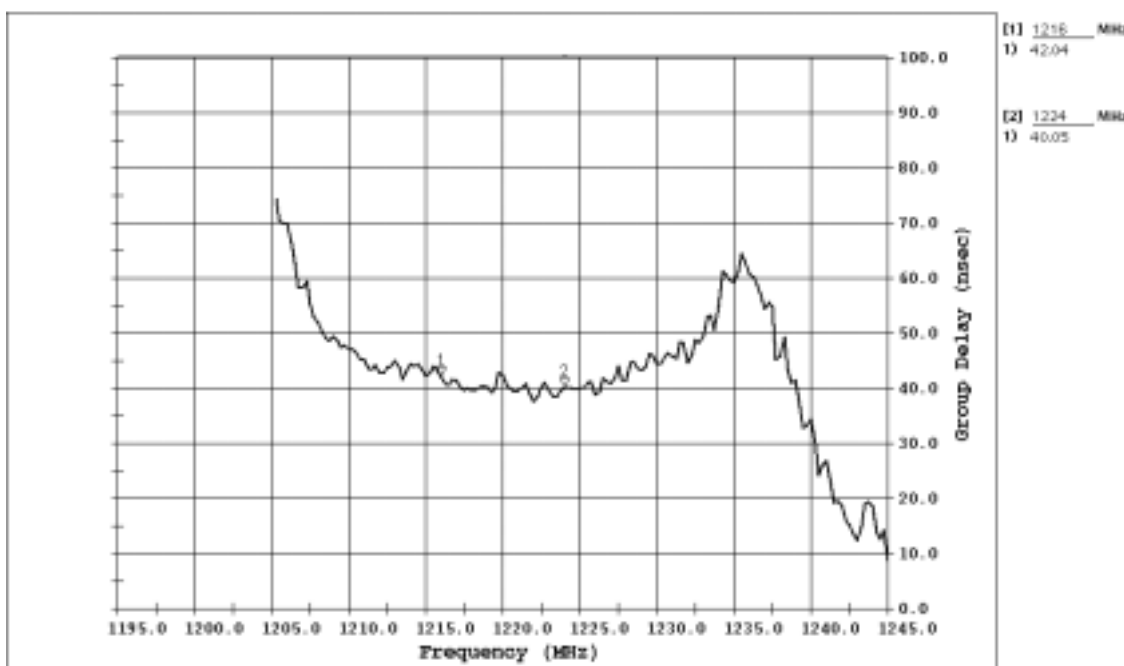


Figure 3-4. Group Delay