

Customer Name	Standard	FUJITSU MEDIA DEVICES LIMITED	
System	ISM900	DATE	Apr. 27, 2005
FMD Part Number	FAR-F5EA-915M00-D2AE	Version 3.0b	
Customer Number	-	Reference No.	-

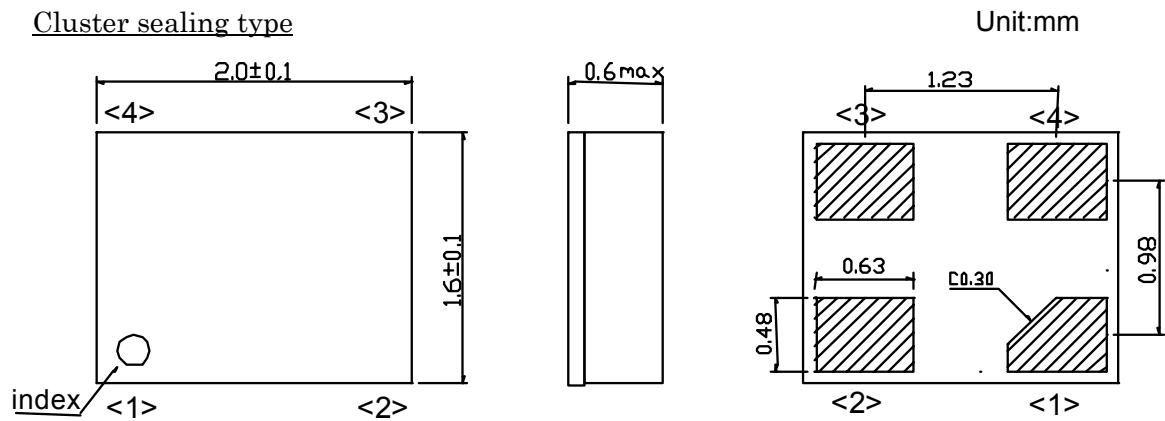
Table 1. Electrical specifications

Item	Condition [MHz]	Specification			Unit	Remark
		ver.3.0b				
		Min.	Typ.	Max.		
Insertion Loss	902 - 928	-	1.7	2.2	dB	
Ripple	902 - 928	-	0.3	1.0	dB	
Return Loss	902 - 928	10	12	-	dB	@25+/-2°C
		9.5	-	-	dB	@-30~ +85°C
Absolute Attenuation	DC - 702	49	54	-	dB	
	738 - 764	47	52	-	dB	
	820 - 846	42	50	-	dB	
	990 - 1010	42	46	-	dB	
	1072 - 1092	44	48	-	dB	
	1128 - 1804	38	43	-	dB	
	1804 - 1856	36	42	-	dB	
	1856 - 3000	30	39	-	dB	
Grope delay Variation	902 - 928	-	16	50	ns	
PKG	-	2.0typ.x1.6typ.x0.6max			mm	
Operating temp.	-	-30~ +85			°C	

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Dimensions

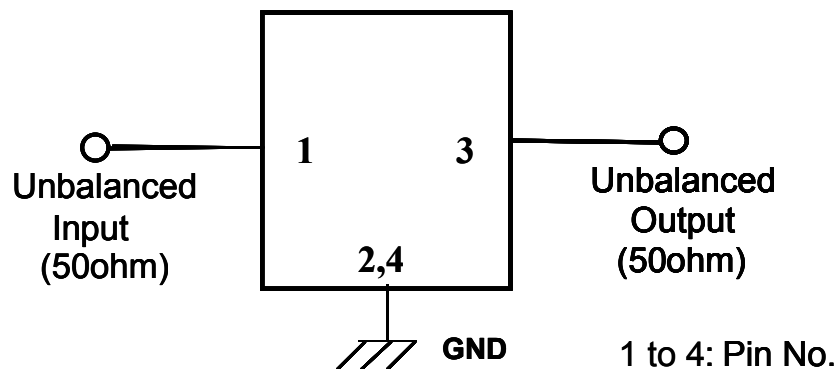
Device size: 2.0typ. x 1.6typ. x 0.60max



Pin Configuration

Pin No.	Symbol	Function
1	IN	Input
2	GND	Ground
3	OUT	Output
4	GND	Ground

Evaluation Circuit



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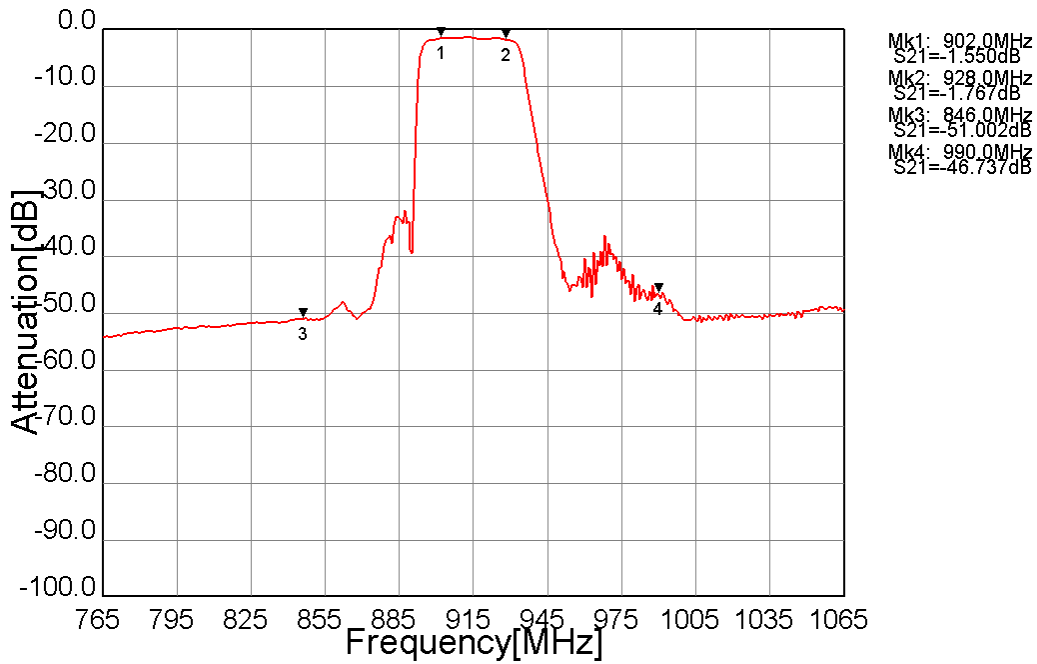


Figure 1-1. Pass-band characteristics

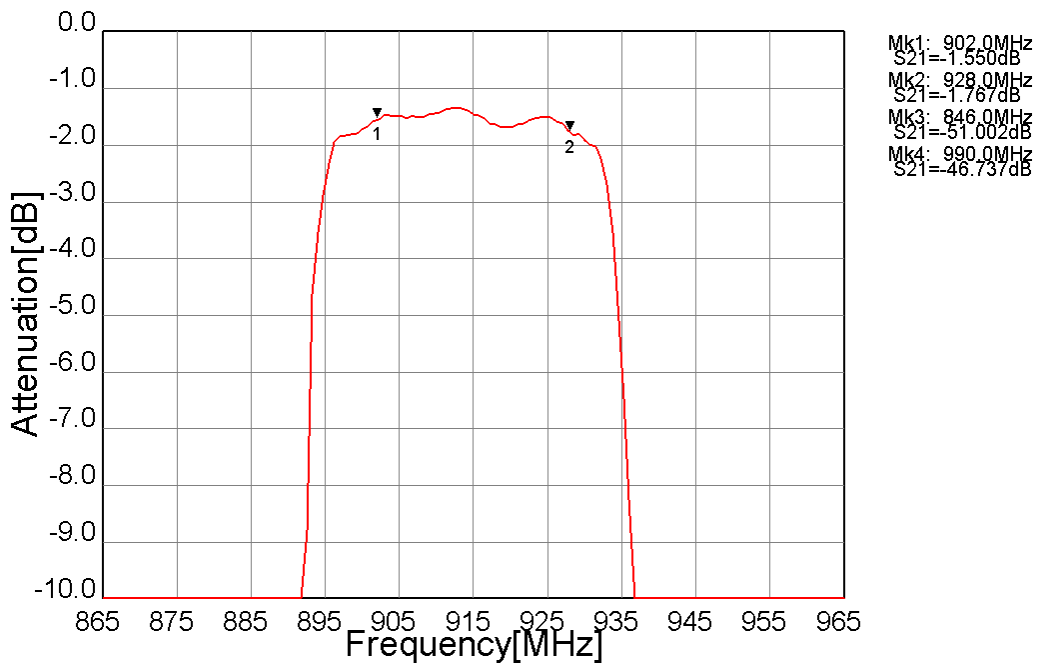


Figure 1-2. in-band characteristics

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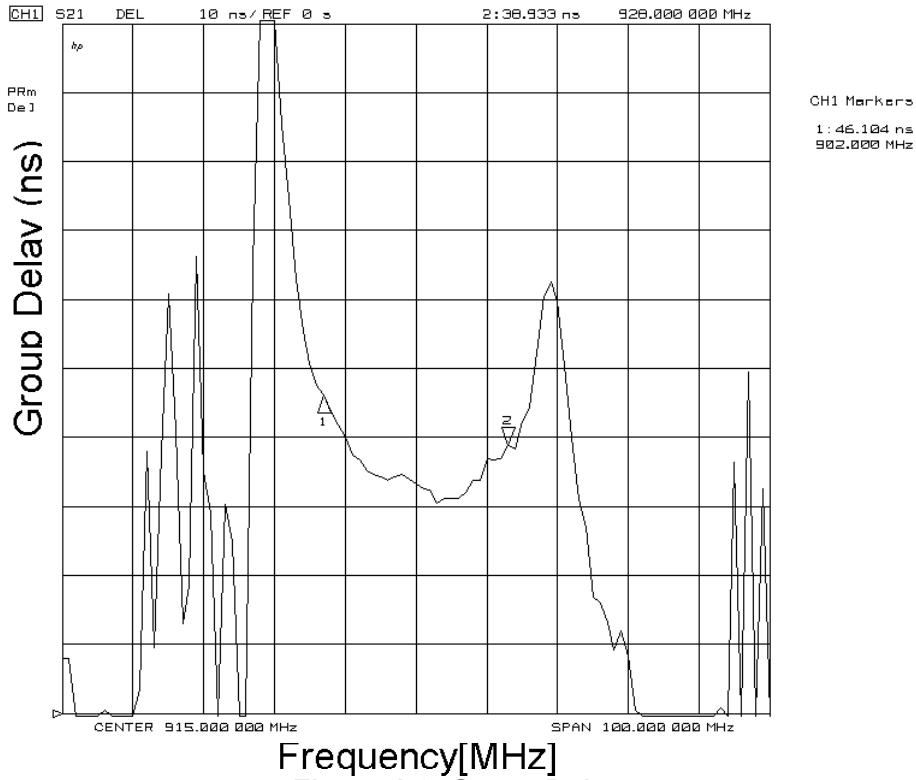


Figure 1-3. Group Delay

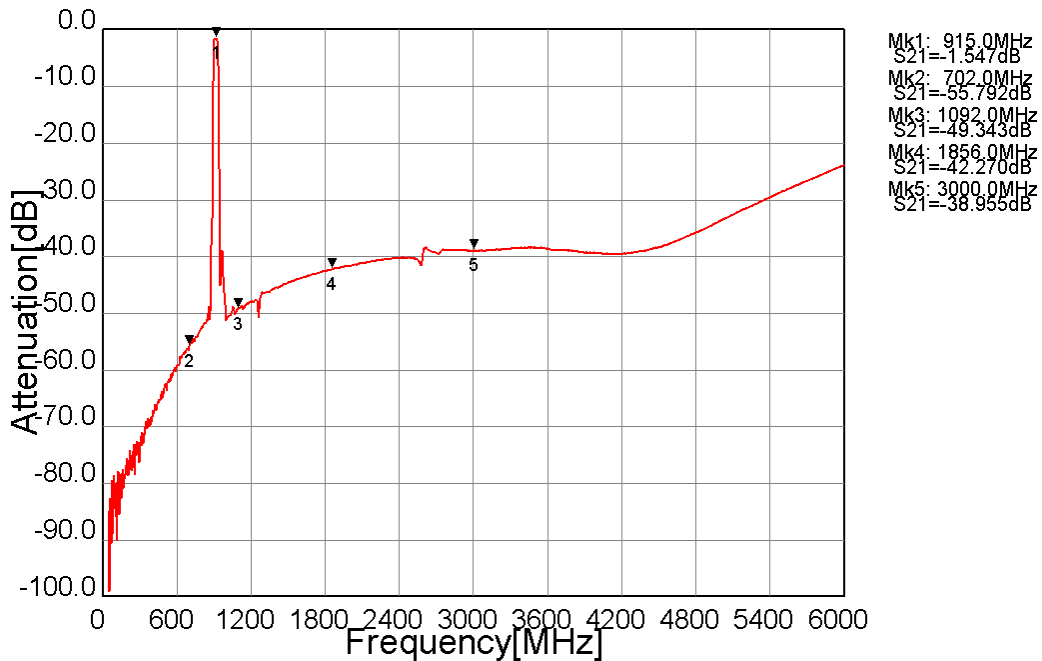


Figure 1-4. Wide-band Characteristics

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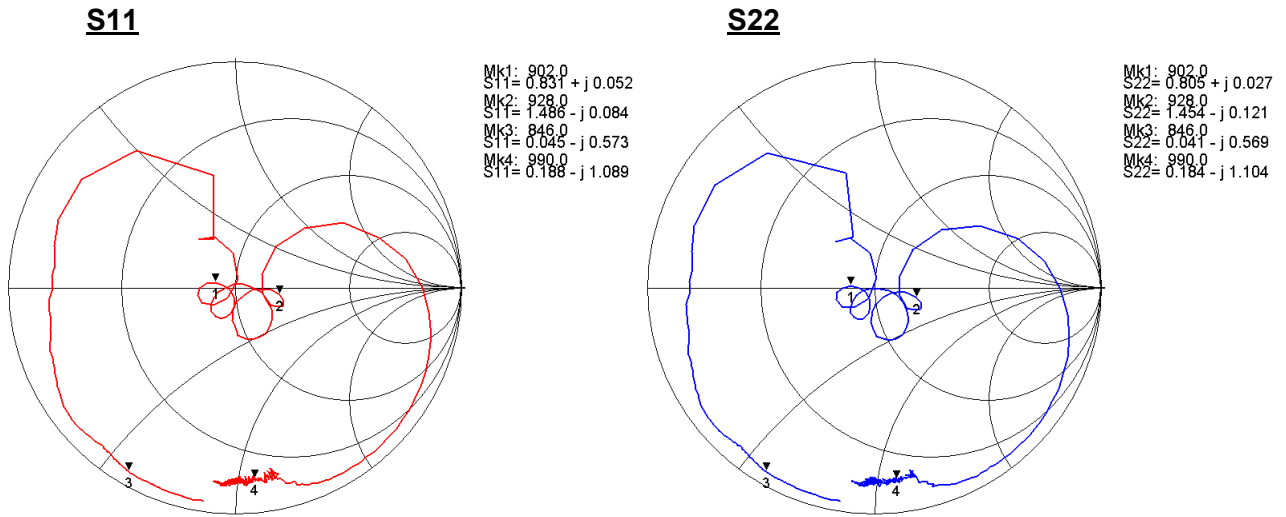


Figure 1-5. Impedance

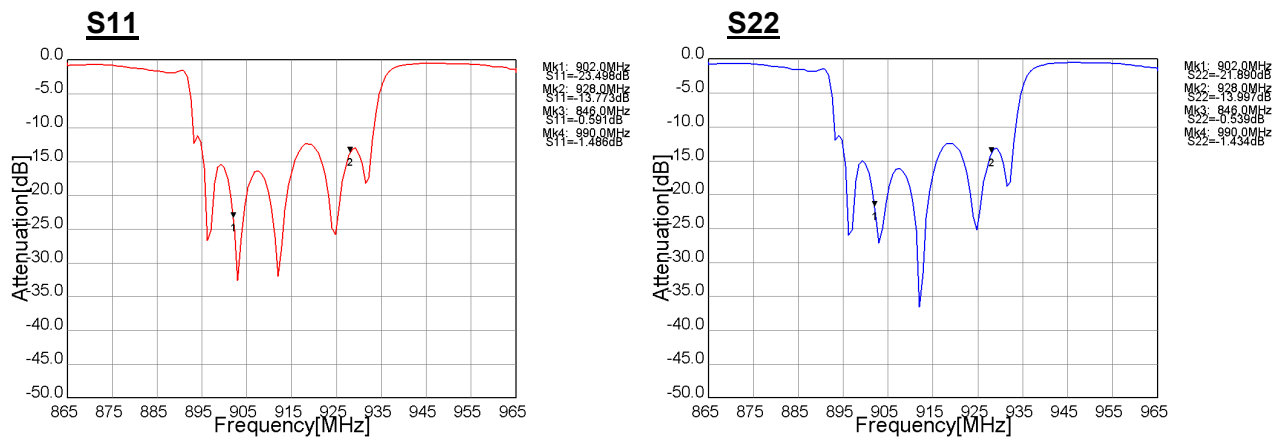


Figure 1-6. Return Loss