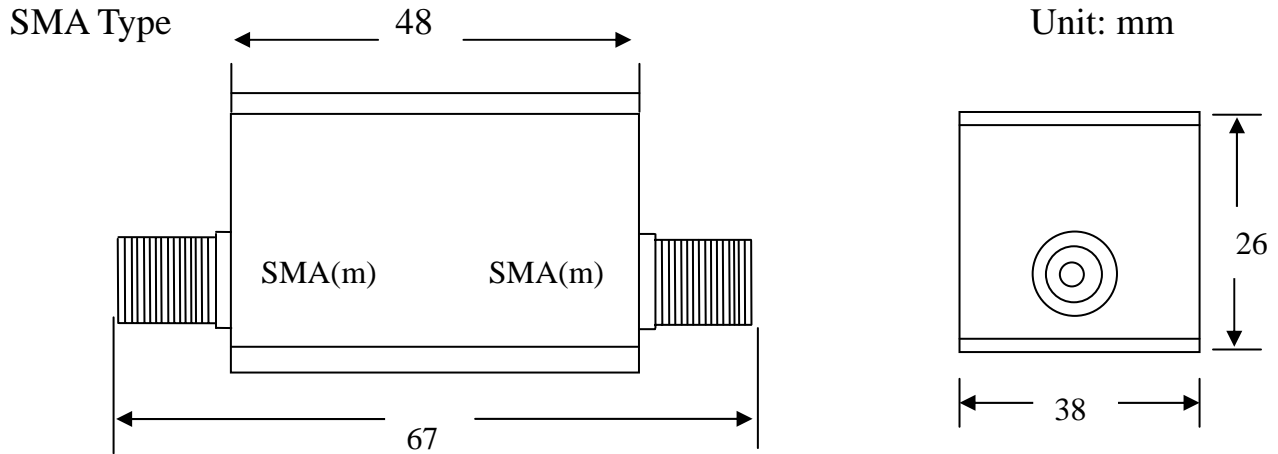


# TEMWELL

Customized UHF SHF Filter & Miniature Duplexer

## TM Module Filter Specification Sheet

Customer Name		Temwell's Part No.	TM-TTW3536B-2450M-100MSMA
Approval No. /dated	20412003APR	Customer's Part No.	
Work Instruction No.	20412003C	Date	Dec.09.2005
Case Name	TM	Temwell's print name	
Terminator Type	SMA (m)/SMA (m)	Case size: (mm)	48*38*26



### (3) Electric Character

Item	Specify	Performance
Center Freq.(Fo ) +/- 0.5 %	2450 MHz	2450 MHz
Insertion Loss	Typ. 3.0 dB	2.53 dB
-3 dB Bandwidth	Typ. 100 MHz	118.0 MHz
Sensitivity (Attenuation)	Fo -(200) MHz	Typ. 38 dB
	Fo +(200)MHz	Typ. 37 dB
	Fo - ( )MHz	Typ. dB
	Fo +( )MHz	Typ. dB
Return Loss	Min. 12 dB	29.4 dB
Ripple	< 1 dB	dB
Group Delay	ns	ns
Impedance	In / Out : 50 Ω	In / Out : 50 Ω

### 4. Temperature Condition:

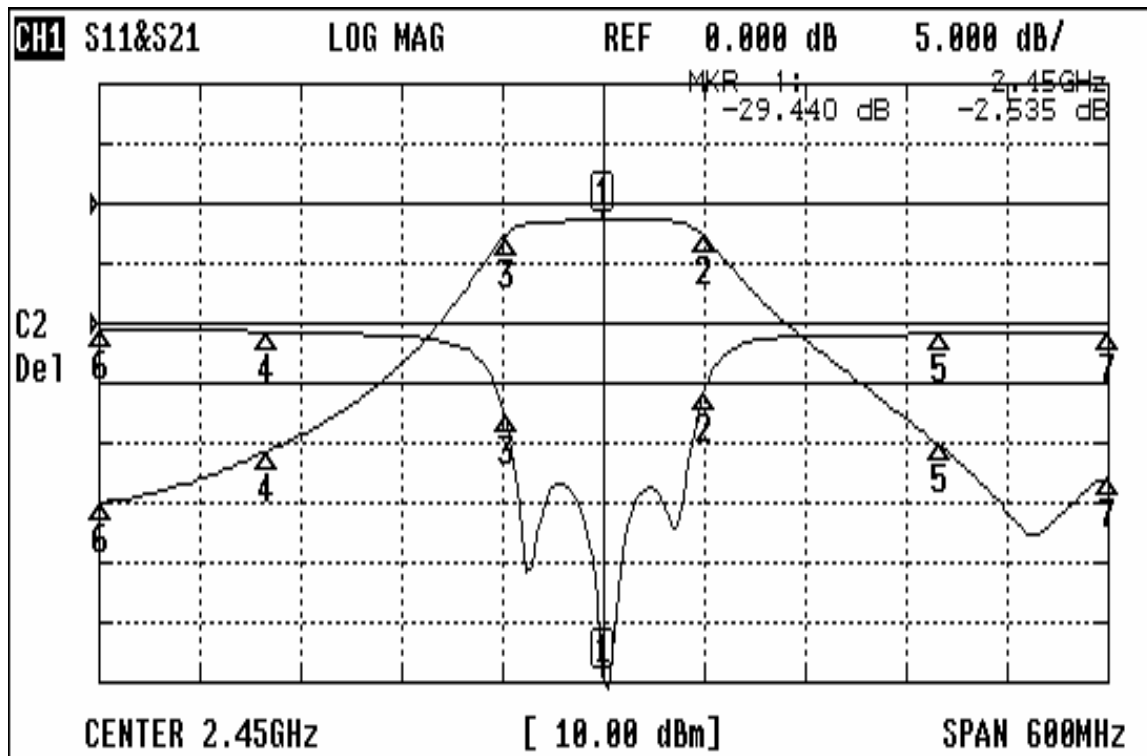
Operating Temperature	-30 ~ +70
Storage Temperature	-30 ~ +80

Approval	Supervisor	Designer	PCB
C.Y. Chang	C.S. Chang	C.S. Chang	5W3B(41*12)

TEMWELL CORPORATION

# Performance-TM-TTW3536B-2450M-100MSMA

## 20412003C



### CH1 MARKER LIST

1:	2.450 000GHz	-29.440 dB	-2.535 dB
2:	2.510 000GHz	-5.815 dB	-5.477 dB
3:	2.392 000GHz	-7.831 dB	-5.447 dB
4:	2.250 000GHz	-0.724 dB	-41.400 dB
5:	2.650 000GHz	-0.797 dB	-40.382 dB
6:	2.150 000GHz	-0.450 dB	-50.035 dB
7:	2.750 000GHz	-0.783 dB	-45.547 dB
8:			
9:			
10:			