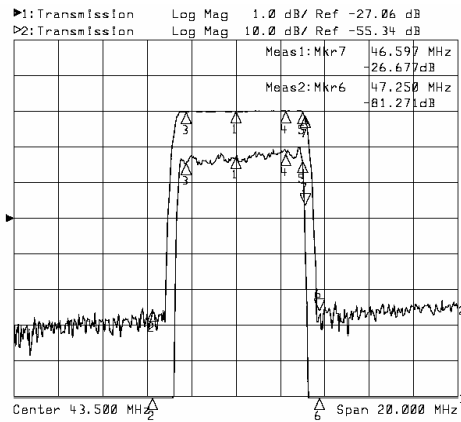


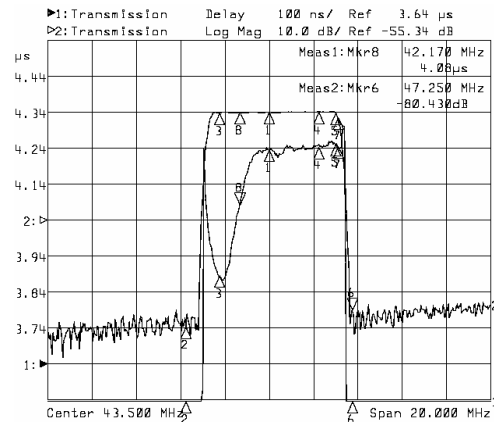
# 43.5 MHz CATV Filter

Part Number M4408

## Typical Performance



Horizontal: 2MHz/Div  
Vertical: 10dB/Div

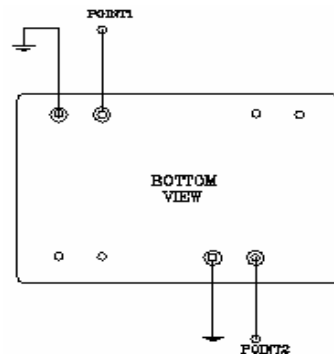
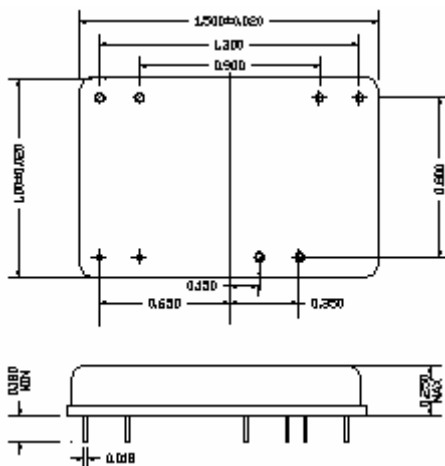


Horizontal: 2MHz/Div  
Vertical: 100nsec/Div

## Specifications

Parameter	Unit	Minimum	Typical	Maximum
Center Frequency	MHz		43.5	
Insertion Loss at 45.55MHz	dB		25.0	26.5
40.90MHz	dB	-1.2	-1.0	
46.50MHz	dB	-1.2	-1.0	0.8
47.25MHz	dB	-55	-50	
Passband Variation	dB		0.4	0.6
Group Delay@41.57MHz	nsec		-330	-370
Group Delay@42.17MHz	nsec		-130	-180
TTS	dB		50	60
Ultimate Rejection	dB		55	60
Substrate Material	-		YZ-LiNbO3	
Ambient Temperature	°C		25	

## Package



No Matching Required  
Source/Load Impedance=50ohm  
Package Style 268