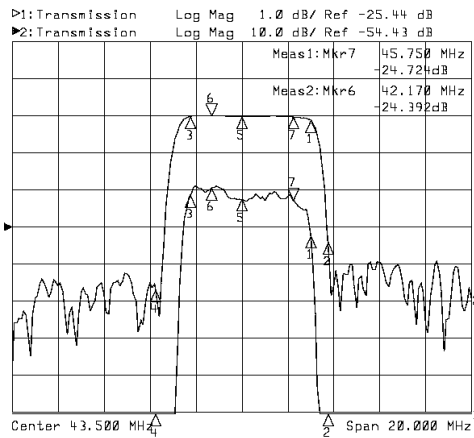


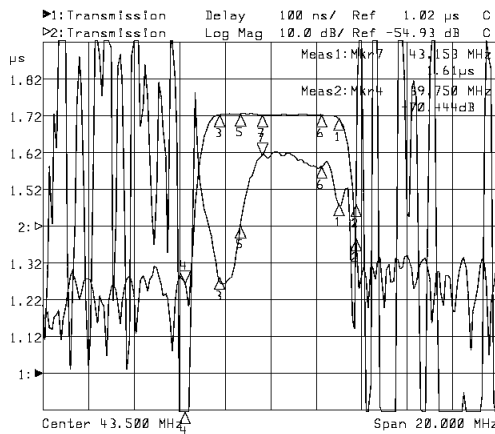
# 43.5MHz CATV Filter

## Part Number MVF-13

### Typical Performance



Horizontal: 2MHz/Div  
Vertical: 1dB/Div&10dB/Div

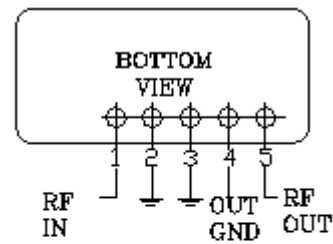
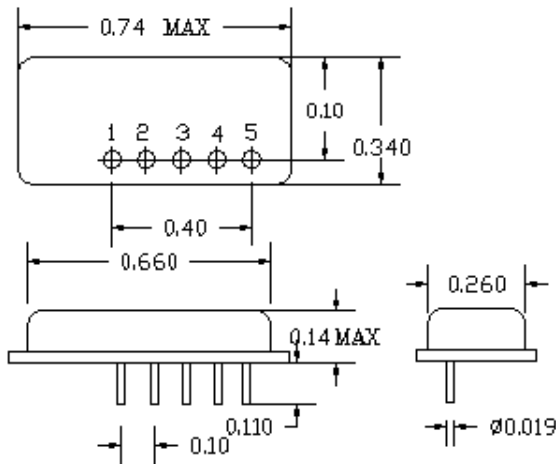


Horizontal: 2MHz/Div  
Vertical: 100nsec/Div&10dB/Div

### Specifications

Parameter	Unit	Minimum	Typical	Maximum
Center Frequency	MHz	43.40	43.50	43.60
Insertion Loss at 45.55MHz	dB		22.30	23.00
41.25MHz	dB		-0.50	0.00
46.5MHz	dB		-2.00	-2.50
47.25MHz	dB		-38.00	-40.00
Passband Variation	dB		0.60	0.80
Group Delay@41.57MHz	nsec		-330	-370
Group Delay@42.17MHz	nsec		-130	-180
TTS	dB		48	50
Ultimate Rejection	dB	37	40	
Substrate Material	-		128LiNbO3	
Ambient Temperature	°C	-40	25	80

### Package



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