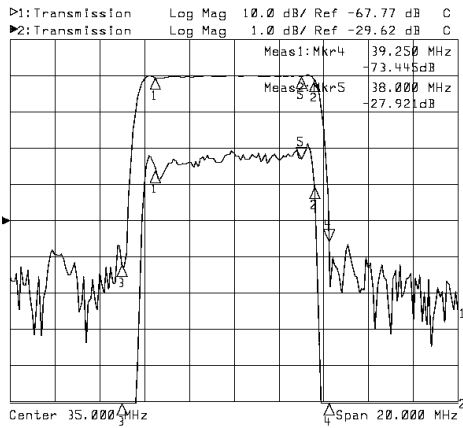


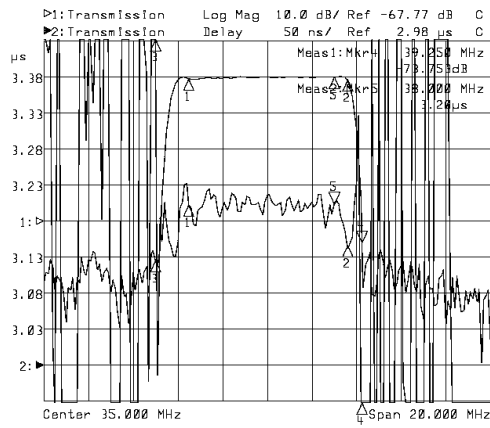
# 35MHz CATV Filter

Part Number LBN38-8E (6.5MHz)

## Typical Performance



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

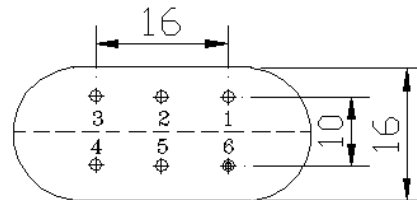
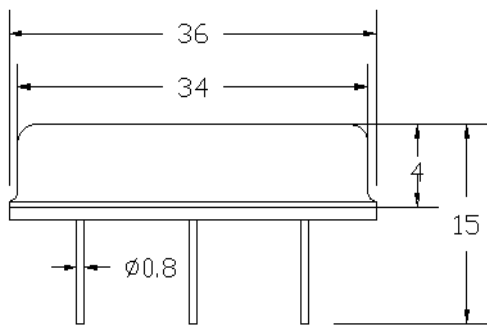


Horizontal: 2MHz/Div  
Vertical: 50nsec/Div&10dB/Div

## Specifications

Parameter	Unit	Minimum	Typical	Maximum
Center Frequency	MHz	34.90	35.00	35.10
Insertion Loss at F0	dB		28.00	29.50
@31.50MHz	dB	-0.48	-0.50	
@38.50MHz	dB		-1.00	-1.50
@39.25MHz	dB		-40.00	-41.00
@30.00MHz	dB		-40.00	-41.00
Passband Variation	dB		0.80	1.00
Group Delay Variation	nsec		48	52
Absolute Delay	usec		3.20	3.25
Ultimate Rejection	dB	45	50	
Substrate Material	-		128LiNbO3	
Ambient Temperature	°C	-40	25	80

## Package



BOTTOM VIEW  
 IN:1 OUT:4  
 GND: 2,3,5,6