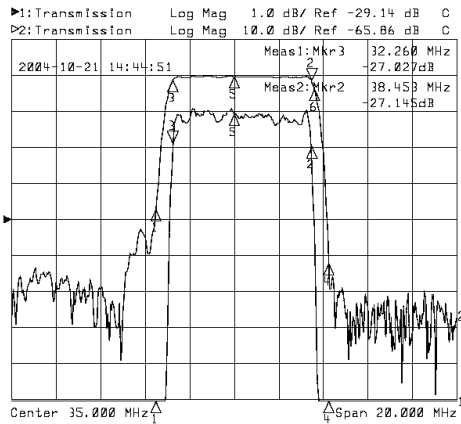


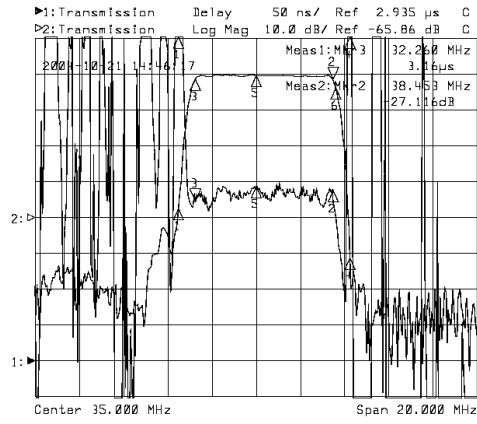
# 35.375MHz CATV Filter

## Part Number LBN38-7C

### Typical Performance



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

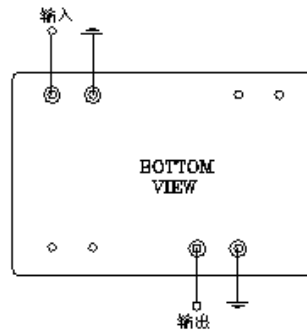
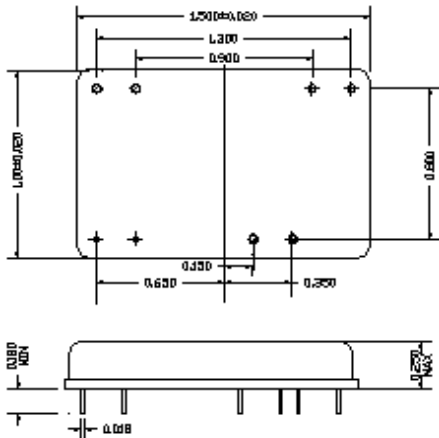


Horizontal: 2MHz/Div  
Vertical: 50nsec/Div&10dB/Div

### Specifications

Parameter	Unit	Minimum	Typical	Maximum
Center Frequency	MHz	35.370	35.375	35.380
Insertion Loss at F0	dB		25.50	26.50
@31.50MHz	dB		-35.00	-40.00
@38.40MHz	dB	-0.80	-1.00	
@39.25MHz	dB		-40.00	-55.00
@32.25MHz	dB	-0.80	-1.00	
Passband Variation	dB		0.40	0.60
Group Delay Variation	nsec		30	50
Absolute Delay	usec		3.15	3.17
Ultimate Rejection	dB	52	55	
Substrate Material	-		128LiNbO3	
Ambient Temperature	°C	-40	25	80

### Package



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