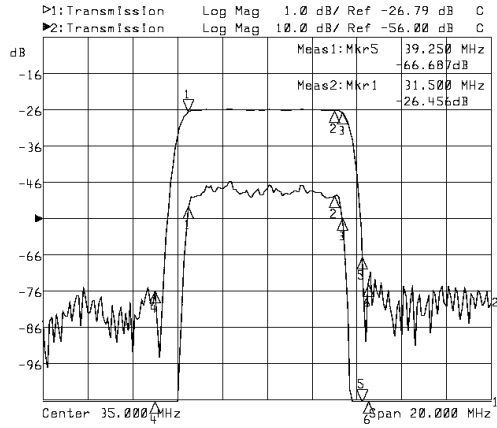


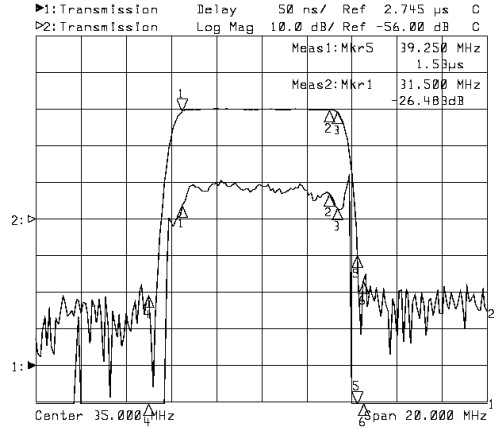
# 35MHz CATV Filter

## Part Number LBN38-8C

### Typical Performance



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

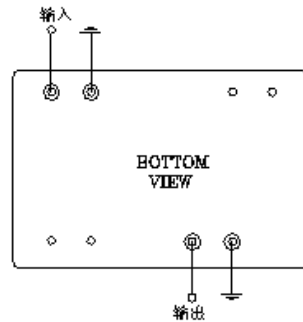
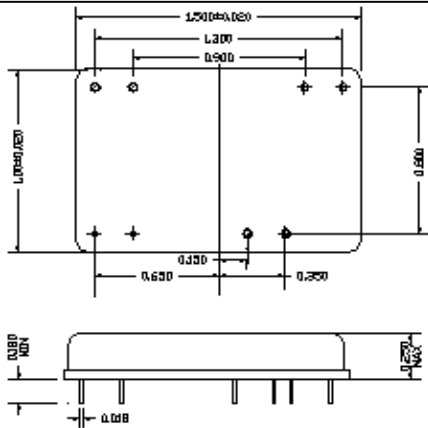


Horizontal: 2MHz/Div  
Vertical: 50nsec/Div&10dB/Div

### Specifications

Parameter	Unit	Minimum	Typical	Maximum
Center Frequency	MHz	34.90	35.00	35.10
Insertion Loss at F0	dB		26.00	27.50
@31.50MHz	dB	-0.50	-1.00	
@38.30MHz	dB	-0.50	-1.00	
@39.25MHz	dB		-40.00	-41.00
@30.00MHz	dB		-40.00	-41.00
Passband Variation	dB		0.60	0.90
Group Delay Variation	nsec		50	60
Absolute Delay	usec		3.20	3.25
Ultimate Rejection	dB	45	50	
Substrate Material	-		128LiNbO3	
Ambient Temperature	°C	-40	25	80

### Package



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