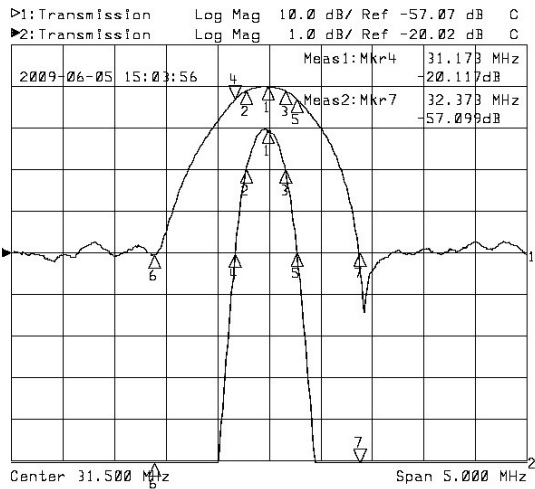


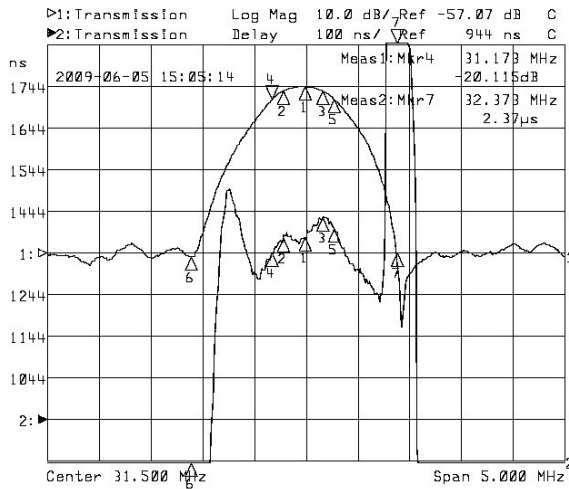
# 31.5MHz CATV Filter

## Part Number LBD31.5-04

### Typical Performance



Horizontal: 0.5MHz/Div  
Vertical: 1dB/Div&10dB/Div

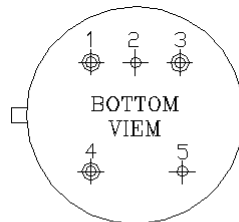
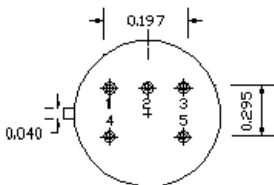
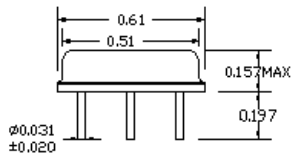


Horizontal: 0.5MHz/Div  
Vertical: 100ns/Div&10dB/Div

### Specifications

Parameter	Unit	Minimum	Typical	Maximum
Center Frequency	MHz	31.30	31.50	31.70
Insertion Loss at F0	dB		17.50	18.00
1 dB Bandwidth	MHz	0.33	0.35	
3 dB Bandwidth	MHz	0.55	0.60	
40dB Bandwidth	MHz		1.90	2.00
Passband Variation	dB		0.20	0.30
Group Delay Variation	nsec		100	120
Absolute Delay	usec		1.40	
Ultimate Rejection	dB	40	42	
Substrate Material	-		LiTaO3	
Ambient Temperature	°C		25	

### Package



SFA02  
 IN: 4  
 OUT: 3  
 GND: 1,2,5