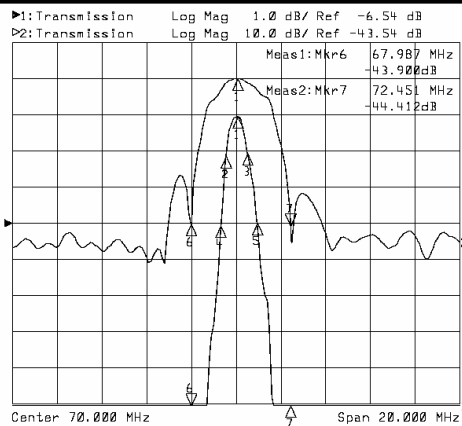


# 70 MHz Low-Loss Filter

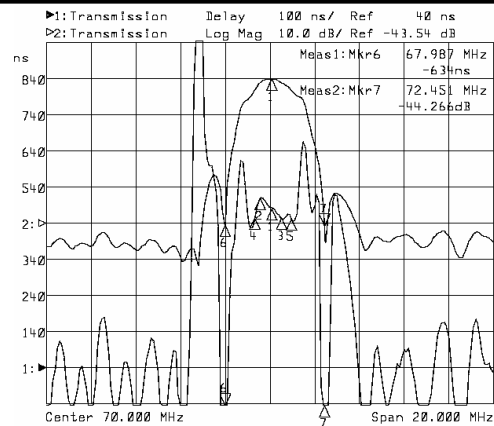
## Part Number LBN70-1

### Typical Performance



Horizontal: 2MHz/Div

Vertical: 10dB/Div



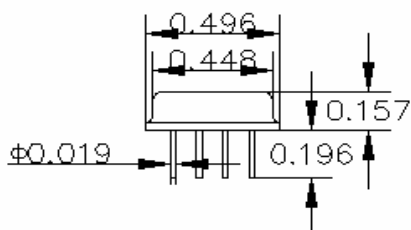
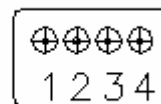
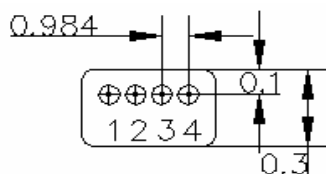
Horizontal: 2MHz/Div

Vertical: 100ns/Div

### Specifications

Parameter	Unit	Minimum	Typical	Maximum
Center Frequency	MHz	69.80	70.0	70.20
Insertion Loss at F <sub>0</sub>	dB		3.6	4.0
1 dB Bandwidth	MHz		0.80	
3 dB Bandwidth	MHz		1.57	
40dB Bandwidth	MHz		3.56	
Passband Variation	MHz		0.5	
Phase Linearity	MHz			
Group Delay Variation	nsec		80	
Absolute Delay	dB			
Ultimate Rejection	dB		40	
Substrate Material	-		128LiNbO3	
Ambient Temperature	°C		25	

### Package



SB-7 IN (OUT) : 1  
 OUT (IN) : 4  
 GND : 2, 3