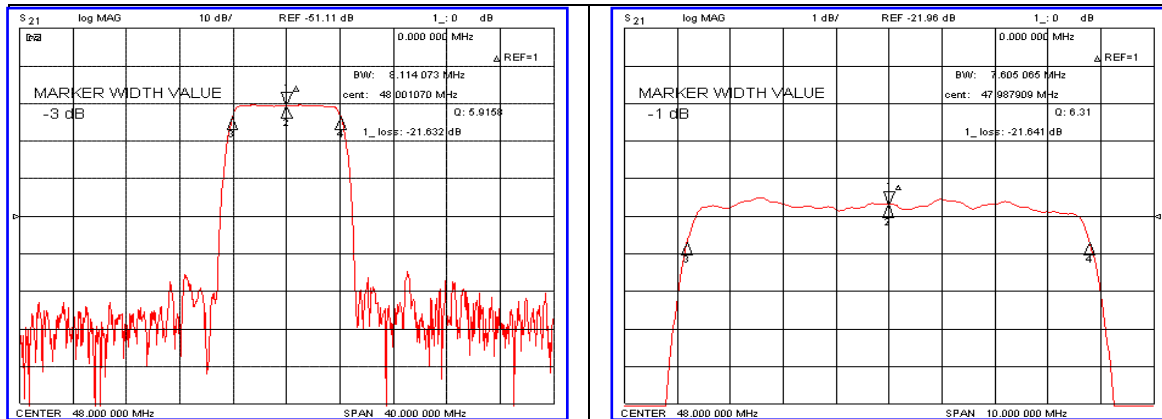


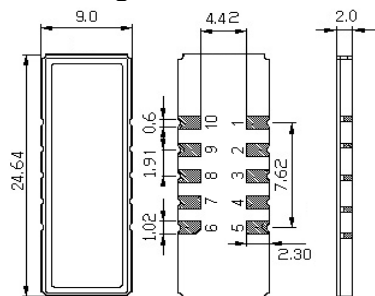
### Typical Performance



### Specification

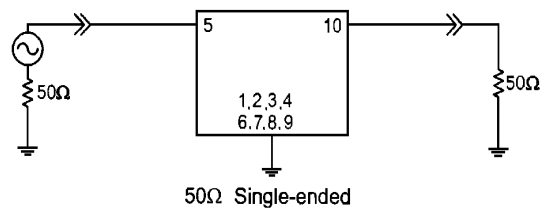
Parameter	Unit	Min.	Typ.	Max.
Center Frequency	MHz	-	48.00	-
Insertion Loss	dB	-	21.70	-
1dB Bandwidth	MHz	7.45	7.60	-
3dB Bandwidth	MHz	8.00	8.11	-
38dB Bandwidth	MHz	-	10.13	10.50
Passband Ripple(Fc±3.7MHz)	dB	-	0.85	-
Group Delay Variation(Fc±3.70MHz)	nsec	-	38	50
Absolute Delay	µsec	-	1.19	-
Relative Attenuation				
10.0MHz ~ 30.90MHz	dB	38	50	-
41.5MHz & 55.0MHz	dB	38	47	-
Storage Temperature Range	°C	-40 ~ +85		
Operating Temperature Range	°C	0 ~ 70		
Input Power Level	dBm	10 max.		
Substrate Material	-	128-LiNbO <sub>3</sub>		
Temperature Coefficient	ppm/°C	-72		

### Package Dimension



5 : Input , 6 : In-Gnd  
 10 : Output , 1 : Out-Gnd  
 2,3,4,7,8,9 : Case Gnd

### Matching Configuration



**Matching Components are not required**  
 Source / Load Impedance = 50Ω  
 Ambient Temperature = 25°C

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