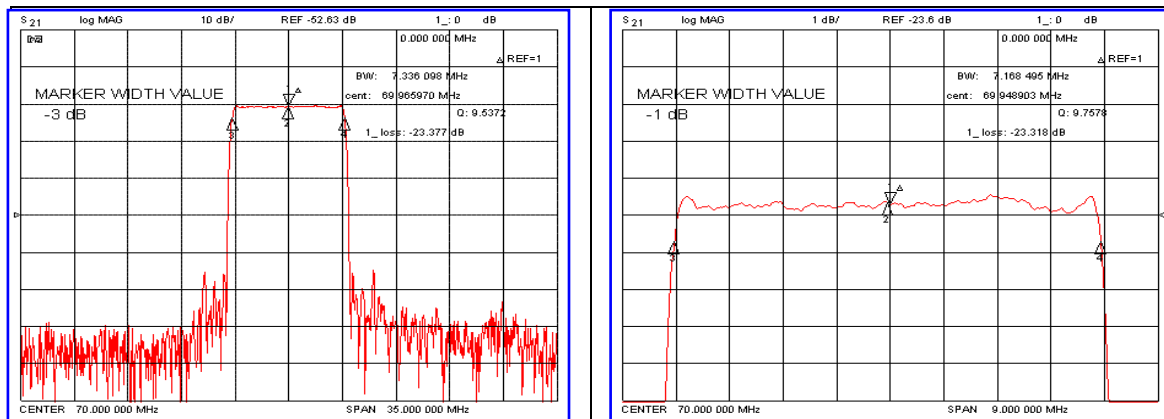


### Typical Performance



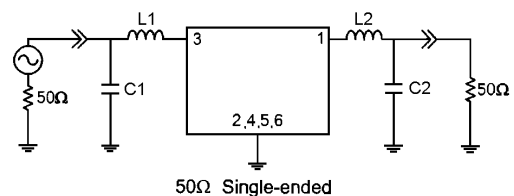
### Specification

| Parameter               | Unit   | Min.                  | Typ.  | Max.  |
|-------------------------|--------|-----------------------|-------|-------|
| Center Frequency        | MHz    | -                     | 70.00 | -     |
| Insertion Loss          | dB     | -                     | 23.50 | 25.00 |
| 1dB Bandwidth           | MHz    | 7.14                  | 7.16  | -     |
| 3dB Bandwidth           | MHz    | -                     | 7.33  | -     |
| 35dB Bandwidth          | MHz    | -                     | 7.96  | -     |
| 40dB Bandwidth          | MHz    | -                     | 7.99  | 8.02  |
| Passband Ripple         | dB     | -                     | 0.70  | 1.00  |
| Group Delay Variation   | nsec   | -                     | 100   | 200   |
| Absolute Delay          | μsec   | -                     | 3.70  | -     |
| Ultimate Attenuation    | dB     | -                     | 45    | -     |
| Substrate Material      | -      | Yz-LiNbO <sub>3</sub> |       |       |
| Temperature Coefficient | ppm/°C | -94                   |       |       |

### Package Dimension



### Matching Configuration



L1=82nH, L2=82nH, C1=24pF, C2=24pF  
 Source / Load Impedance = 50Ω  
 Ambient Temperature = 25°C

10/25/2006

