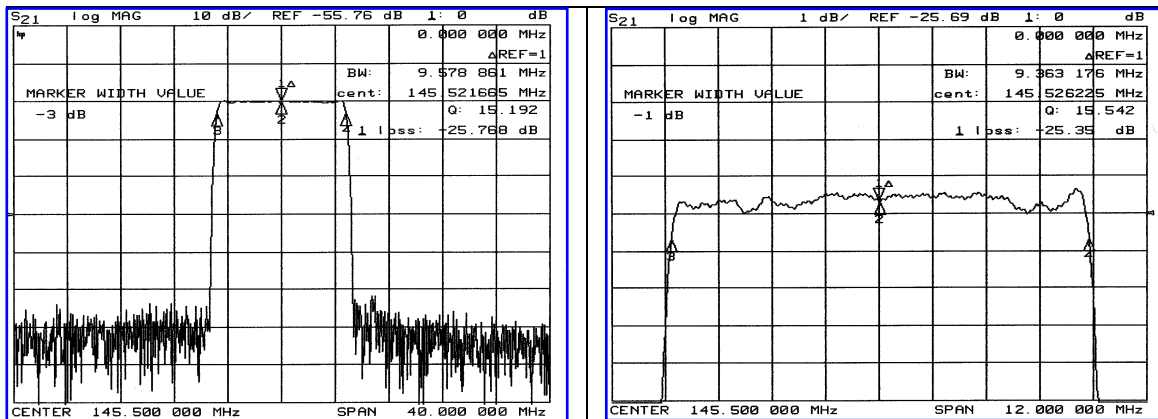


### Typical Performance



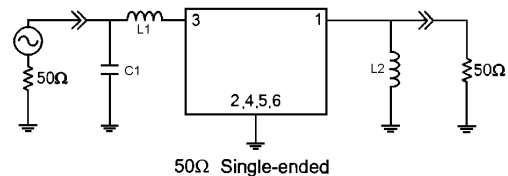
### Specification

| Parameter                   | Unit   | Min.               | Typ.   | Max.   |
|-----------------------------|--------|--------------------|--------|--------|
| Center Frequency            | MHz    | 145.35             | 145.50 | 145.65 |
| Insertion Loss              | dB     | -                  | 25.50  | 27.00  |
| 1dB Bandwidth               | MHz    | -                  | 9.36   | -      |
| 3dB Bandwidth               | MHz    | 9.45               | 9.57   | -      |
| 40dB Bandwidth              | MHz    | -                  | 10.52  | 10.60  |
| Passband Ripple             | dB     | -                  | 0.65   | 1.00   |
| Group Delay Variation       | nsec   | -                  | 50     | 100    |
| Absolute Delay              | µsec   | -                  | 4.0    | -      |
| Ultimate Attenuation        | dB     | 50                 | 55     | -      |
| Operating Temperature Range | °C     | -20                | +25    | +70    |
| Substrate Material          | -      | LiTaO <sub>3</sub> |        |        |
| Temperature Coefficient     | ppm/°C | -20                |        |        |

### Package Dimension



### Matching Configuration



L1=27nH, L2=27nH, C1=75pF,  
 Source / Load Impedance = 50Ω  
 Ambient Temperature = 25°C

07/15/2005

