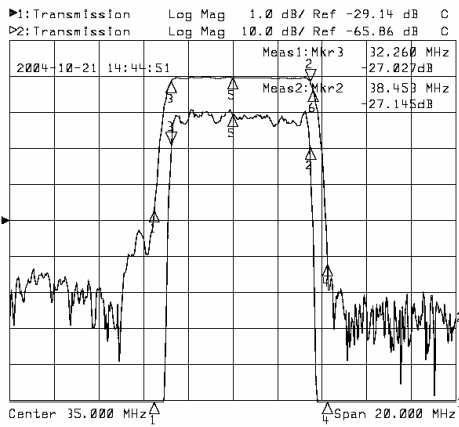


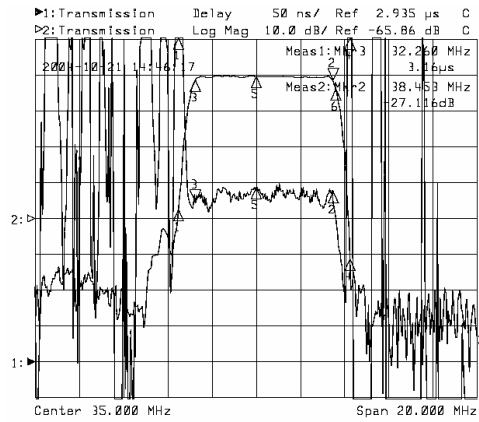
35.375MHz CATV Filter

Part Number LBN38-7C

Typical Performance



Horizontal: 2MHz/Div
Vertical: 10dB/Div

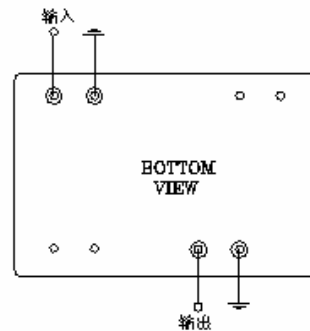
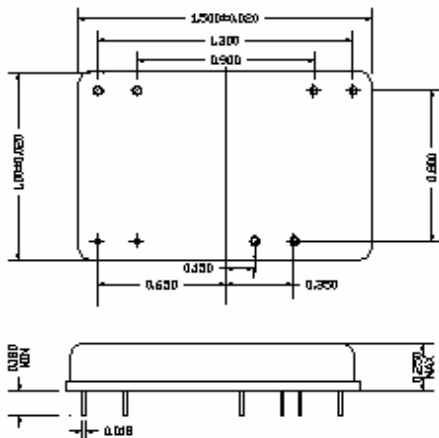


Horizontal: 2MHz/Div
Vertical: 50nsec/Div

Specifications

| Parameter | Unit | Minimum | Typical | Maximum |
|----------------------------------|------|---------|-----------|---------|
| Center Frequency | MHz | 35.370 | 35.375 | 35.380 |
| Insertion Loss at F ₀ | dB | | 25.5 | 26.5 |
| @ 31.50MHz | dB | | -35 | -40 |
| @ 38.40MHz | dB | -0.8 | -1.0 | |
| @ 39.25MHz | dB | | -40 | -55 |
| @ 32.25MHz | dB | -0.8 | -1.0 | |
| Passband Variation | dB | | 0.4 | 0.6 |
| Group Delay Variation | nsec | | 30 | 50 |
| Absolute Delay | usec | | 3.15 | |
| Ultimate Rejection | dB | | 55 | 60 |
| Substrate Material | - | | 128LiNbO3 | |
| Ambient Temperature | °C | -40 | 25 | 80 |

Package S



No Matching Required
Source/Load Impedance=50ohm
Package Style S