

Dielectric Duplexer Specification

Part No: DPX902-947-25C1
 Date: 9/14/06

1. Properties:

| No. | Characteristics | Unit | Tx → ANT | ANT → Rx |
|-----|-----------------------------|------|------------------|------------------|
| 1 | Center Frequency (Fc) | MHz | 902.5 | 947.5 |
| 2 | Bandwidth | MHz | $F_c \pm 12.5$ | $F_c \pm 12.5$ |
| 3 | Insertion Loss in BW (max.) | dB | 2.8 | 2.8 |
| 4 | Ripple in BW (max.) | dB | 1.0 | 1.0 |
| 5 | VSWR in BW (max.) | dB | 1.4 | 1.4 |
| 6 | Attenuation (min.) | dB | 50 (935-960 MHz) | 50 (890-915 MHz) |
| 7 | In/Out Impedance | Ohm | 50 | 50 |
| 8 | Input Power | W | 2W | |
| 9 | Operation Temperature | °C | -30~ +80C | |

2. Dimensions:

