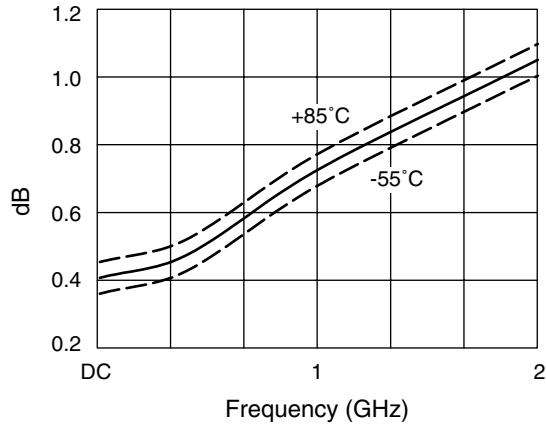
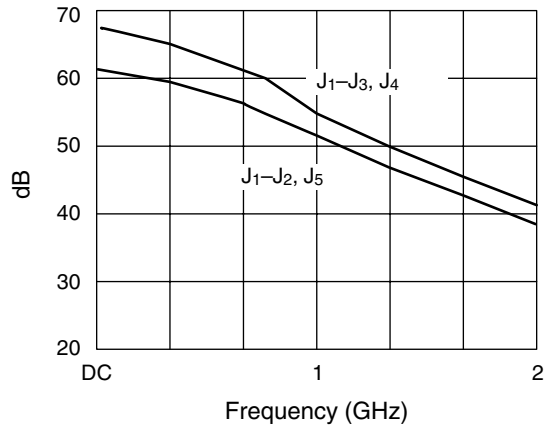


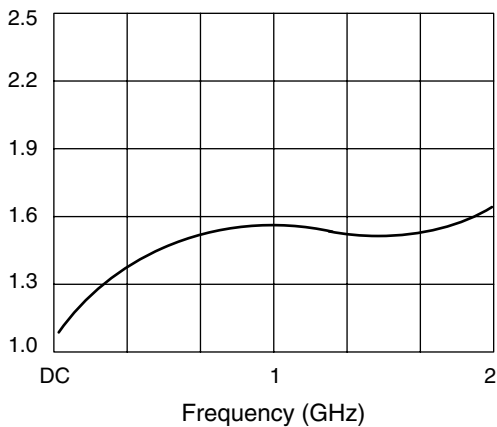
Typical Performance Data (0, -5 V)



Insertion Loss vs. Frequency



Isolation vs. Frequency



VSWR vs. Frequency

Truth Table

| Insertion Loss Path J ₁ to: | J ₃ | | J ₂ | | J ₅ | | J ₄ | |
|----------------------------------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|
| | V ₁ | V ₂ | V ₃ | V ₄ | V ₅ | V ₆ | V ₇ | V ₈ |
| J ₂ | 0 | -5 | -5 | 0 | -5 | 0 | -5 | 0 |
| J ₃ | -5 | 0 | 0 | -5 | -5 | 0 | -5 | 0 |
| J ₄ | 0 | -5 | 0 | -5 | -5 | 0 | 0 | -5 |
| J ₅ | 0 | -5 | 0 | -5 | 0 | -5 | -5 | 0 |

Absolute Maximum Ratings

| Characteristic | Value |
|-----------------------|-----------------------------------------------|
| RF Input Power | 2 W > 500 MHz 0/-7 V 0.5 W @ 50 MHz 0/-7 V |
| Control Voltage | +0.2 V, -10 V |
| Operating Temperature | -40°C to +85°C |
| Storage Temperature | -65°C to +150°C |
| θ _{JC} | 25°C/W |

Pin Out

