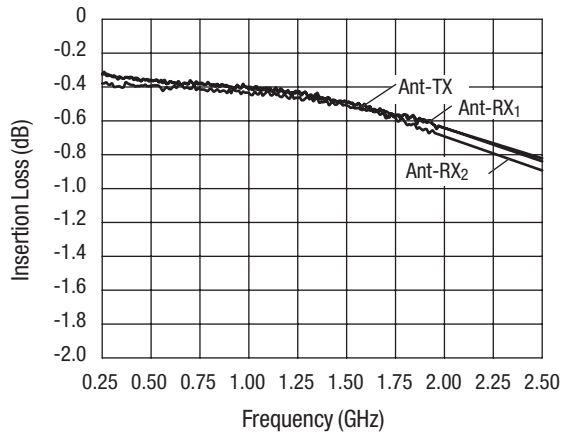
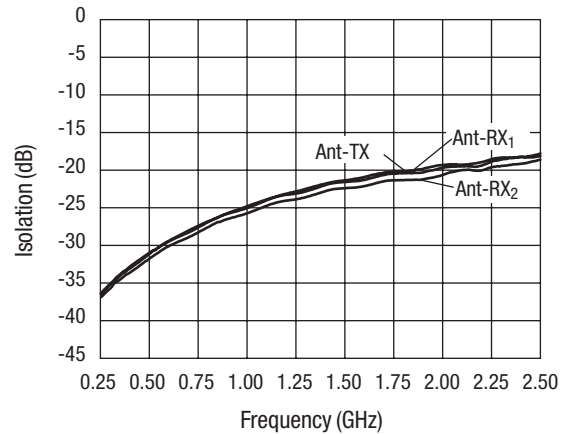


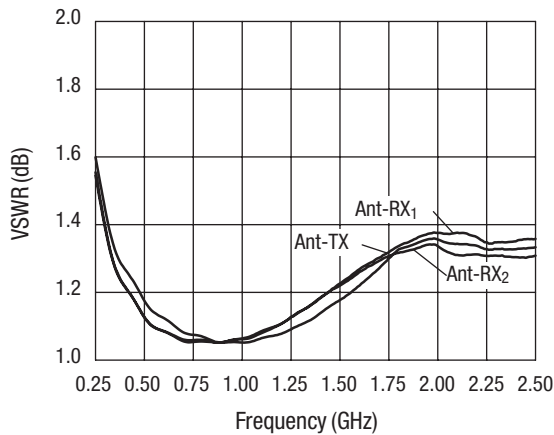
Typical Performance Data



Insertion Loss vs. Frequency



Isolation vs. Frequency



VSWR vs. Frequency

Truth Table

V ₁	V ₂	V ₃	Ant-RF1	Ant-RF2	Ant-RF3
V _{HIGH}	V _{LOW}	V _{LOW}	Ins. loss	Isolation	Isolation
V _{LOW}	V _{HIGH}	V _{LOW}	Isolation	Ins. loss	Isolation
V _{LOW}	V _{LOW}	V _{HIGH}	Isolation	Isolation	Ins. loss

V_{LOW} = 0–0.2 V.
V_{HIGH} = 2.75–5 V.

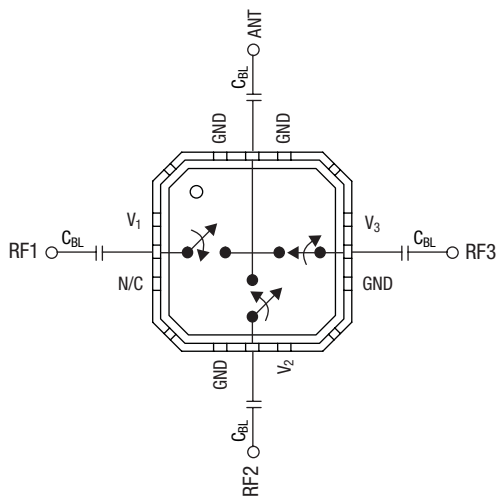
Absolute Maximum Ratings

Characteristic	Value
RF input power	4 W > 0.5 GHz 0/+6 V control
Control voltage	+6 V
Operating temperature	-40 °C to +85 °C
Storage temperature	-65 °C to +150 °C
Θ _{JC}	25 °C/W

Performance is guaranteed only under the conditions listed in the specifications table and is not guaranteed under the full range(s) described by the Absolute Maximum specifications. Exceeding any of the absolute maximum/minimum specifications may result in permanent damage to the device and will void the warranty.

CAUTION: Although this device is designed to be as robust as possible, Electrostatic Discharge (ESD) can damage this device. This device must be protected at all times from ESD. Static charges may easily produce potentials of several kilovolts on the human body or equipment, which can discharge without detection. Industry-standard ESD precautions must be employed at all times.

Pin Out



DC blocks required. C_{BL} = 47 pF for operation >500 MHz.

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