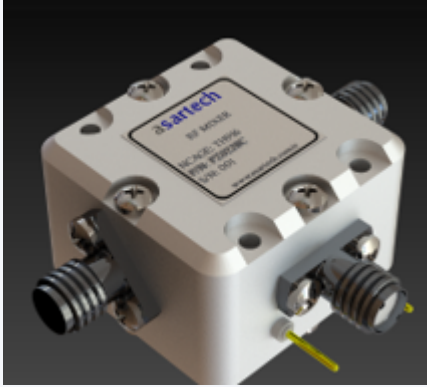


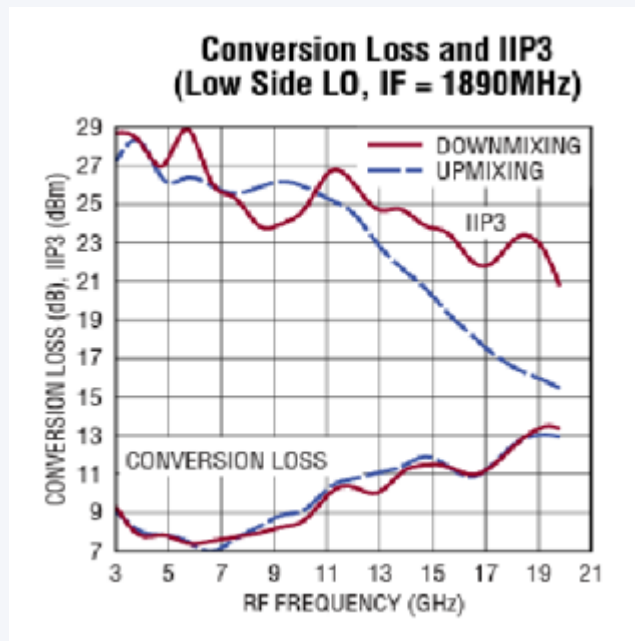
PZ0228 4-19 GHz RF MIXER



GENERAL DESCRIPTION

The PZ0228 is a high performance, microwave double balanced passive mixer that can be used for frequency upconversion or downconversion.

PERFORMANCE CHART



SPECIFICATIONS , TA = +25° C

PARAMETER	LIMITS
Frequency Range	4-19 GHz
LO Frequency Range	1-20 GHz
RF Frequency Range	4-19 GHz
IF Frequency Range	500-9000 MHz
LO Input Power	±6 dBm
RF Return Loss	>9 dB
LO Input Return Loss	>10 dB
Operating Temperature Range	−40°C to 105°C
Supply Voltage	6-7.5 V
Supply Current	132 mA

KEY FEATURES

- LO Input Power: +10dBm
- RF Power: +20dBm
- IF Power: +20dBm
- Supply Voltage: 7.5V

APPLICATIONS

- Point-to-Point Microwave
- C, X and Ku Band RADAR
- Microwave Transceivers
- Test Equipment

ABSOLUTE MAXIMUM RATINGS

MECHANICAL

