

## Description

Mi-Wave's 920 Series harmonic mixers down converts RF by using a lower harmonic number LO to an IF

## Notes

Conversion loss will vary due to LO harmonic number, LO drive and IF frequency range. At lower LO drive levels a small amount of DC bias, typically 1 to 3 mA can be applied to the LO / IF port to lower conversion loss. Do not apply DC bias with LO drive levels above +12 dbm. \*\*\* Recommended for use with harmonic number less than 14\*\*\*\*\*

S/N: N/A

## Electrical Specifications

	Minimal	Typical	Maximum
RF Frequency	33 GHz		50 GHz
LO frequency range	100 MHz		20 GHz
IF Frequency (Dependent on Diplexer Configuration)		TBD	
LO Power			+13 dBm
LO Plus RF Power Level			+13 dBm
RF power level maximum			0 dBm
Conversion Loss Depending upon LO Drive and LO Freq		TBD	

## Physical Specifications

RF Port	WR-22 Waveguide, UG-383/U Flange
LO / IF Port	SMA(F)
Material Type	Brass
Finish	Gold Plated
Diplexer	NOT INCLUDED



Tested by: MS

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