

## Description

Mi-Wave's 922 Series Harmonic Mixers with Diplexers

## Notes

Diplexer mixer port and mixer should be connected using the sma male to male adapter supplied or a short cable that is low in loss up to 12 GHz. Conversion loss will vary depending upon LO frequency and LO power level. \*\*\* Recommended for use with harmonic number less than 14\*\*\*\*\*

S/N: N/A

## Electrical Specifications

	Minimal	Typical	Maximum
RF Frequency	110 GHz		170 GHz
LO Frequency Option 1	4 GHz		20 GHz
LO Frequency Option 2	6 GHz		20 GHz
IF Frequency Option 1	1 GHz		3 GHz
IF Frequency Option 2	1 GHz		5 GHz
LO Power			+13 dBm
LO Plus RF Power Level			+13dBm
Conversion Loss Depending upon LO Drive and LO Frequency		TBD	
RF Power Level			0 dBm

## Physical Specifications

RF Port	WR-06 Waveguide, UG-387/U-M Flange
LO Port	SMA(F)
IF input	SMA(F)
Material	Brass
Finish	Gold Plated
Diplexer	INCLUDED



Tested by: LS

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