

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 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 range	75 GHz		110 GHz
LO frequency range	100 MHz		20 GHz
IF frequency Range (Depending upon diplexer configuration)		TBD	
LO Drive Level			+13 dBm
LO plus RF Power Level			+13 dBm
Conversion Loss (Depending on LO Frequency and LO Power Level)		TBD	

Physical Specifications

RF Port	WR-10 Waveguide, UG-387/U-M Flange
LO / IF Port	SMA(F)
Material Type	Brass
Finish	Gold Plated
Diplexer	Not Included



Tested by: MS

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