

Description

Mi-Wave's 971 Series IQ Mixer

Notes

Conversion Loss higher for IF frequency above 8 GHz

S/N: NA

Electrical Specifications

	Minimal	Typical	Maximum
RF Frequency	50 GHz		75 GHz
LO Frequency	50 GHz		75 GHz
IF Frequency I	DC		20 GHz
IF Frequency Q	DC		20 GHz
LO Drive Level	10 dBm	13 dBm	
RF to IF Conversion Loss		10 dB	
LO - RF Isolation		28 dB	
Maximum LO + RF Input Power Level (dBm)			17 dBm

Physical Specifications

RF Port	WR-15 Waveguide, UG-385/U Flange
LO Port	WR-15 Waveguide, UG-385/U Flange
IF input I	SMA(F)
IF Input Q	SMA(F)
Finish	Gold Plated



Tested by: LS

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