

Description

Mi-Wave's 970 Series Downconverters have been designed to cover extremely wide RF bandwidths for EW/ELINT applications.

Notes

Conversion Loss higher for IF frequency above 8 GHz

S/N: NA

Electrical Specifications

	Minimal	Typical	Maximum
RF Frequency	40 GHz		60 GHz
LO Frequency	40 GHz		60 GHz
IF Frequency	DC		12 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-19 Waveguide, UG-383/U-M Flange
LO Port	WR-19 Waveguide, UG-383/U-M Flange
IF input	SMA(F)
Finish	Gold Plated



Tested by: LS

Date: 2020-09-29

