

**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**

	<b>Minimal</b>	<b>Typical</b>	<b>Maximum</b>
RF Frequency	75 GHz		110 GHz
LO Frequency	75 GHz		110 GHz
IF Frequency	DC		25 GHz
LO Drive Level	10 dBm	13 dBm	
RF to IF Conversion Loss		12 dB	
LO - RF Isolation		28 dB	
Maximum LO + RF Input Power Level (dBm)			17 dBm

**Physical Specifications**

RF Port	WR-10 Waveguide, UG-387/U-M Flange
LO Port	WR-10 Waveguide, UG-387/U-M Flange
IF input	SMA(F)
Finish	Gold Plated



Tested by: LS

Date: 2020-09-29

