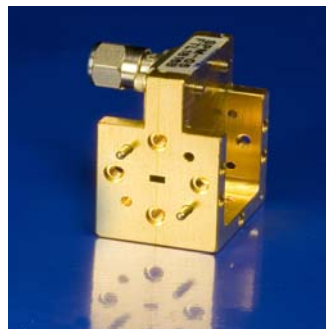


Datasheet**Description**

A high performance subharmonically pumped mixer in the WR-04 band.

**Features**

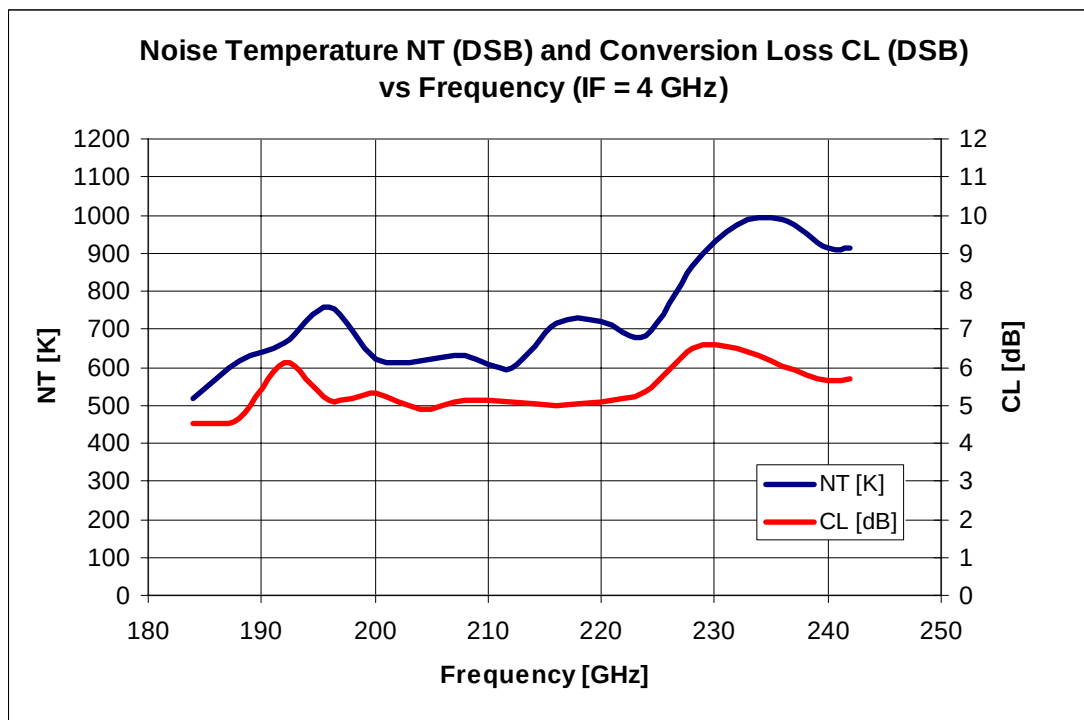
- High performance
- Sub-harmonically pumped
- Low noise figure
- Low LO power level
- Low conversion loss

Applications

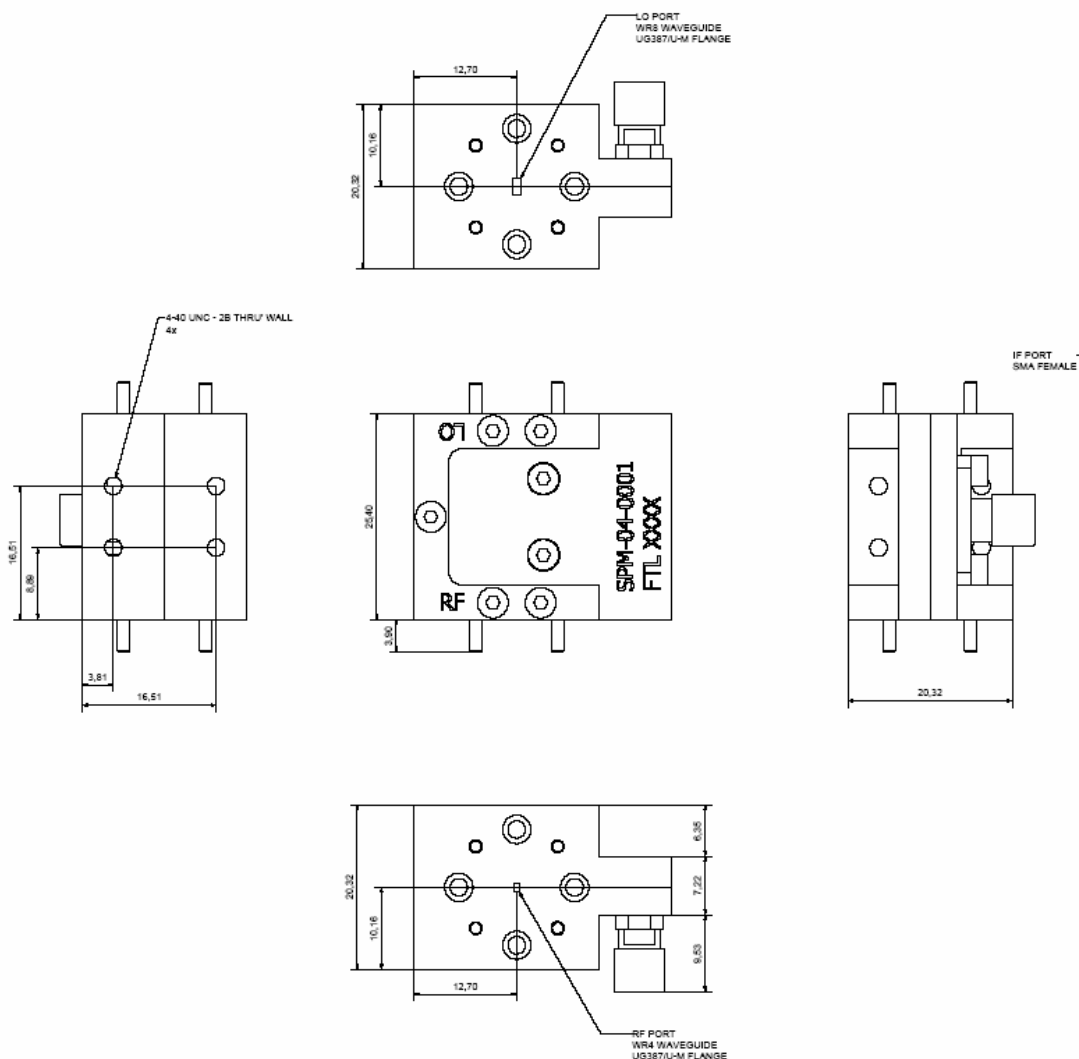
- Heterodyne receivers
- Instrumentation
- Imaging front end

Specification	Unit	Min	Typ	Max
RF Frequency	GHz	180		250
LO Frequency	GHz	90		120
IF Frequency	GHz	0.2		4
Noise Figure DSB	dB		5	8.5
Tmix DSB	K		600	1550
Conversion Loss	dB		5	8.5
LO Drive Level	mW		4	6
IF Bandwidth	GHz	>10		
RF Waveguide	-	WR-04 UG-387/U-M		
LO Waveguide	-	WR-08 UG-387/U-M		
LO Connector	-	SMA (F)		

Datasheet



Datasheet



Notes:

Farran Technology reserves the right to change, without notice, the characteristic data and other specifications applied to this product. The product may be subject to Irish export restrictions