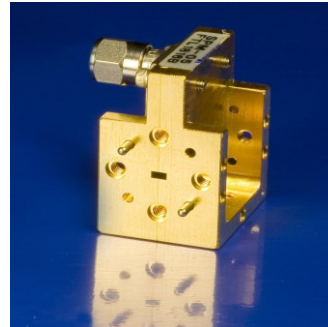


Datasheet
Description

A high performance subharmonically pumped mixer in the WR-03 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	260		300
LO Frequency	GHz	130		150
IF Frequency	GHz	0.1		4
Noise Figure DSB	dB		8	11
Tmix DSB	K		1540	3360
Conversion Loss	dB		8	11
LO Drive Level	mW		4	6
IF Bandwidth	GHz	>10		
RF Waveguide	-	WR-03 UG-387/U-M		
LO Waveguide	-	WR-06 UG-387/U-M		
LO Connector	-	SMA (F)		

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