

Datasheet
Description

A high performance full band sub harmonically pumped mixer in the WR-10 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	75		110
LO Frequency	GHz	37.5		55
IF Frequency *	GHz	0.01		2
Conversion Loss	dB		8	11
LO Drive Level	dBm	7	10	13
RF Waveguide	-	WR-10 UG-387/UM		
LO Waveguide	-	WR-19 UG-383/UM		
LO Connector	-	SMA (F)		

* Wider IF bandwidth available at the expense of conversion loss.

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