

Datasheet
Description

A high performance full band subharmonically pumped mixer in the WR-15 band.


Features

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

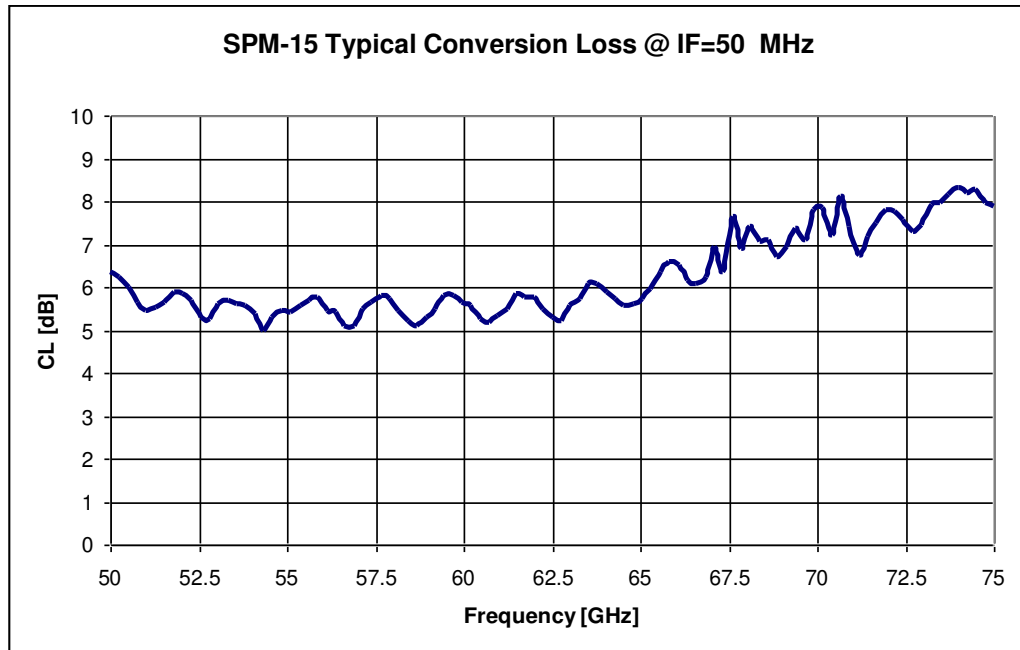
Applications

- Heterodyne receivers
- Instrumentation
- Imaging front end

Specification	Unit	Min	Typ	Max
RF Frequency	GHz	50		75
LO Frequency	GHz	25		37.5
IF Frequency *	GHz	0.01		2
Conversion Loss	dB		6.5	10
LO Drive Level	dBm	7	10	13
RF Waveguide	-	WR-15 UG-385/U		
LO Waveguide	-	WR-28 UG-599/U		
LO Connector	-	SMA (F)		

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

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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