

**Datasheet**
**Description**

A high performance full band subharmonically pumped mixer in the WR-12 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	60		90
LO Frequency	GHz	30		45
IF Frequency *	GHz	0.01		2
Conversion Loss	dB		7.5	10
LO Drive Level	dBm	7	10	13
RF Waveguide	-	WR-12 UG-387/U		
LO Waveguide	-	WR-22 UG-383/U		
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