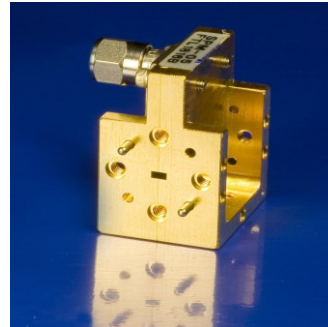


**Datasheet**
**Description**

A high performance subharmonically pumped mixer in WR-08 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	110		130
LO Frequency	GHz	52.5		62.5
IF Frequency	GHz	0.2		4
Noise Figure DSB	dB		6	8
Tmix DSB	K		870	1500
Conversion Loss	dB		6	8
LO Drive Level	mW		4	7
IF Bandwidth	GHz	>10		
RF Waveguide	-	WR-08 UG-387/U-M		
LO Waveguide	-	WR-15 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.