

Product Data Sheet - August 2009 Iss 1 Rev 1

## Product Data Sheet:

Spectrum Analyzer Mixer  
Order Code: SAM-90  
Serial - No.: 100001



## Specifications:

SAM-90	WR12
Frequency Range	60 – 90 GHz
RF - Interface	WR12 with Flange UG387
IF & LO - Interface	SMA-F
LO - Harmonic - No.	6
LO - Frequency	9.93 GHz to 14.93 GHz
LO - Power Range <sup>2)</sup>	+13.5 dBm to +16 dBm
IF- Range	10 MHz to 1000 MHz
RF - VSWR	1.5 : 1
1 dB Compr. point	-3 dBm typical
Maximum RF – Power <sup>2)</sup>	+3 dBm
Conversion Loss	-27 dB max; typical -20 dB
Traceable Standard	fully referenced

## Calibration:

Serial - No.:	100001
CAL - LO - Power	+15.5 dBm
CAL - IF	404.4 MHz
CAL - File <sup>1)</sup>	100001_6.ACL

## Note

- 1) Copy CAL – File to D:\R\_S\instr\cvl
- 2) LO + RF Power max. +18dBm

