

Product Data Sheet - May 2010 Iss 1 Rev 1

Product Data Sheet:

Spectrum Analyzer Mixer
Order Code: SAM-170
Serial - No.: 100006



Specifications:

SAM-170	WR06
Frequency Range	110 – 170 GHz
RF - Interface	WR06 with Flange UG387
IF & LO - Interface	SMA-F
LO - Harmonic - No.	12
LO - Frequency	9.13 GHz to 14.13 GHz
LO - Power Range ²⁾	+11 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 ²⁾	+3 dBm
Conversion Loss	typical -25 dB; -37 dB max
Traceable Standard	fully referenced

Calibration:

Serial - No.:	100006
CAL - LO - Power	+13.0 dBm
CAL - IF	404.4 MHz
CAL - File ¹⁾	100006_12.ACL

Note

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

SAM-170 Conversion Loss

