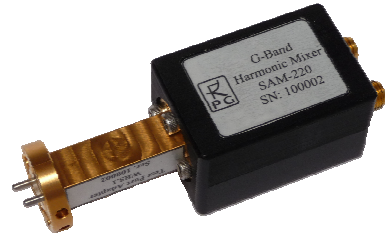


Product Data Sheet - August 2009 Iss 1 Rev 1

Product Data Sheet:

Spectrum Analyzer Mixer
Order Code: SAM-220
Serial- No.: 100002



Specifications:

| SAM-220 | WR5,1 |
|---------------------|--------------------------|
| Frequency Range | 140 – 220 GHz |
| RF - Interface | WR5.1 with Flange UG387 |
| IF & LO - Interface | SMA-F |
| LO - Harmonic - No. | 16 |
| LO - Frequency | 8.72 GHz to 13.72 GHz |
| LO - Power Range | +12 dBm to +14 dBm |
| IF - Range | 10 MHz to 1000 MHz |
| RF - VSWR | 1.7 : 1 |
| 1 dB Compr. point | -2 dBm typical |
| Maximum RF - Power | 0 dBm |
| Conversion Loss | 44 dB max; typical 35 dB |
| Traceable Standard | Power meter reference |

Calibration:

| Serial- No.: | 100002 |
|--------------------------|---------------|
| CAL - LO - Power | +12 dBm |
| CAL - IF | 404,4 MHz |
| CAL - File ¹⁾ | 100002_16.ACL |

Note

¹⁾ Copy CAL – File to D:\R_S\instr\cvl

SAM-220 Conversion loss

