

**TECHNICAL SPECIFICATIONS**

**ELECTRICAL**

Input frequency range	950-2050 MHz
Operating frequency range	17.3-18.4 GHz
Gain	20 dB
Gain flatness	<2 dB p-p
Gain variation over temperature	±0.5 dB over full operating range
Attenuation adjustment range	25 dB in 0,25 dB step
Input VSWR	≤1.5:1
Output VSWR	≤1.3:1
Phase noise	-65 dBc/Hz at 100 Hz, -75 dBc/Hz at 1 kHz, -85 dBc/Hz at 10 kHz, -95 dBc/Hz at 100 kHz
External ref. freq. & phase noise	10 MHz, 0 dBm ±3 dB (TX IF port multiplexed) -135 dBc/Hz at 100 Hz, 144 dBc/Hz at 1 kHz, -155 dBc/Hz at 10 Hz
Output P1dB	15 dBm
Spurious	-60 dBc max @5 dBm
Harmonics	≤60 dBc

**POWER SUPPLY**

Input voltage	90-264 VAC, 50-60 Hz
Power consumption	40 W @ Output P1dB

**INTERFACES & PHYSICAL**

Dimensions (L x W x H)	360 x 286 x 64 mm
Weight	5 Kg
Interfaces	RF Input (L-Band + Ref Signal): N-type (f) RF Output: K (f) 2.92 M&C: MIL-C-26482-I compatible, size 14, 19-pin female Power supply: MS3112E12-3P

**MONITOR & CONTROL**

Remote control	RS-485
Hardware control	OL / Reference / Mute / Output detection (On/Off) / Sum alarm
Monitor parameters	Input power / Output power / Temperature
Internal self protection	Temperature (>85 °C)

**ENVIRONMENTAL**

Operating temperature	-30 °C to +55 °C
Storage temperature	-40 °C to +85 °C
Humidity	100 % condensing



**KEY FEATURES**

- \* Highly efficient
- \* Indoor operation
- \* Compact design
- \* Weatherproof

**OPTIONS**

- \* Internal reference
- \* Ethernet port
- \* Extended temperature range:  
-40 °C to +55 °C
- \* Redundant configurations (1:1, 1:2)