



P/N: AMT-SPA-2001800-10

Technical Specification

Frequency Range(GHz)	2.0-18.0
Gain(dB)	35 Min.
Gain Flatness Over Freq(dB)	±4.0 Max.
Output 1dB CompressionPoint(dBm)	35 Min.
Saturated Output Power(Psat) dBm	40 Typ.
Power Supply	+28V, 3A
2nd Harmonics(dBc)	-10 Max.
Spurious(dBc)	-55 Max.
Impedance(Ohms)	50
Interface	Input: SMA-Female Output: SMA-Female Power Supply: D-SUB
Input VSWR	2.0 Max.
Size(mm)	65 x 46 x 15
Cooling Method	Forced Air Cooling



Test Result

Power Data

Freq. (GHz)	Saturated Output Power(Psat) dBm	Output 1dB Compression Point(P1dB)
2	40.93	39.10
3	40.89	38.89
4	41.13	37.87
5	40.72	36.49
6	40.59	36.00
7	40.57	35.44
8	40.75	36.13
9	40.07	35.52
10	39.28	35.10
11	40.02	35.20
12	39.8	36.29
13	39.85	36.47
14	39.82	35.88
15	40.57	36.08
16	39.84	36.22
17	38.84	37.09
18	38.76	36.80