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REV	DESCRIPTION OF REVISION	ECN NO.	BY	DATE	APPROVED
A	Initial Release	—	H.wei	19/03/17	19/03/17

**Electrical**

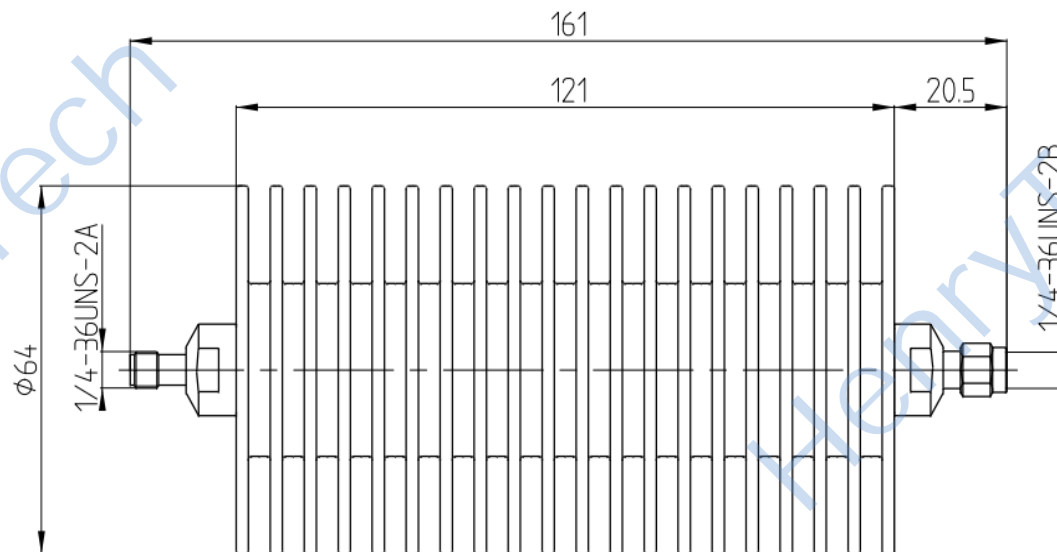
- 1.1 Impedance: 50Ω
- 1.2 Frequency: DC-18GHz
- 1.3 VSWR: 1.20~1.45
- 1.4 Power Rating: 100W@25°C
- 1.5 Temperature range: -45°C ~+125°C
- 1.6 Attenuator Range: 6~60dB

Frequency&V.S.W.R Range

Frequency Range	VSWR
DC~4GHz	1.20:1
DC~8GHz	1.25:1
DC~12.4GHz	1.35:1
DC~18GHz	1.45:1

Standard Nominal Values and Deviations

Attenuator Value(dB)	Accuracy(±dB)			
	DC~4GHz	DC~8GHz	DC~12.4GHz	DC~18GHz
6~10	0.7	0.8	0.9	1.5
20	0.7	0.8	0.9	1.5
30	0.8	0.9	1.0	1.3
40	0.8	0.9	1.0	1.3
50~60	0.9~1.0	1.0	1.1	1.4



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**Notes:**

- 1. ALL SPECIFICATIONS ARE SUBJECT TO CHANGE NOTICE AT ANY TIME
- 2. CUSTOMER OUTLINE DRAWING FOR REFERENCE ONLY

DRAWN: H.wei 19/03/17 ENGINEER: L.yu 19/03/17 APPROVED: W.yi 19/03/17 TOLERANCES UNLESS OTHERWISE SPECIFIED X ±0.50 .X ±0.20 .XX ±0.10 ANGLES ±1°	<b>TITLE:</b> Precision Adapter SMA Male to Female Attenuator Power 100 Watts	
PART NO: HL-SMAMF-100-18-XX	DIMENSION IN MILLIMETERS (mm)	SIZE: A4 SCALE: N/A SHEET: 1/1 REV: A