

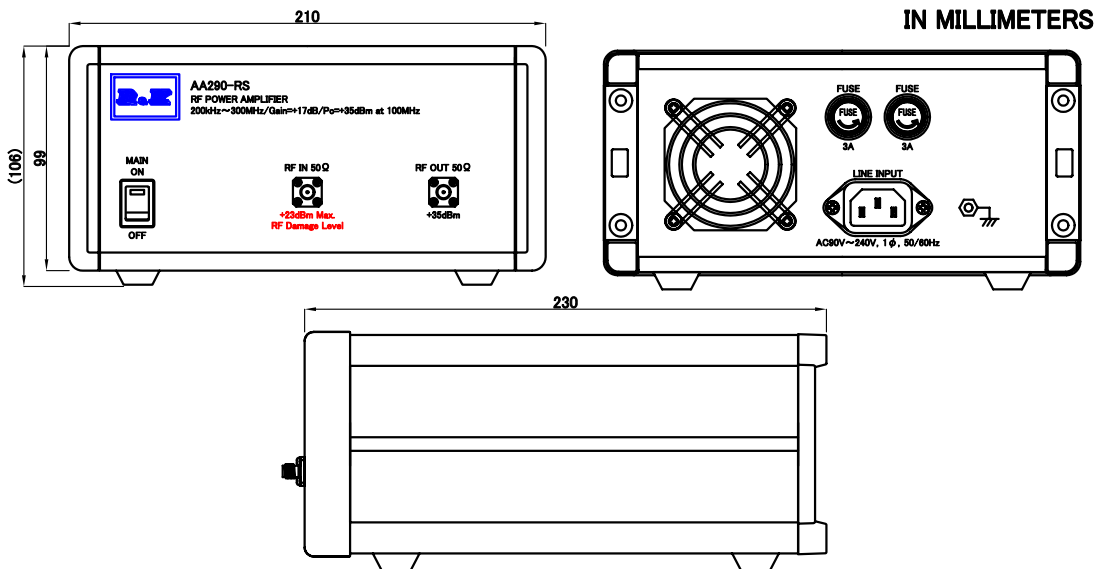
SMALL SIGNAL AMPLIFIER

MODEL : R&K-AA290-RS

SPECIFICATIONS

Frequency Range	: 0.2 – 300MHz
Small Signal Gain	: +18dB (typ.) @100MHz : +17dB (min.)
Gain Flatness	: ±1.0dB (max.)
Output Power@1dB Comp.	: +35dBm (min.) @100MHz
Output I.C.P.	: +46dBm (typ.) @100MHz
Noise Figure	: 8.0dB (max.)
N.F.value is only guaranteed in the range of 10MHz–300MHz	
Impedance	: 50 Ω
Input Return Loss	: 14dB (typ.)
Output Return Loss	: 6dB (typ.)
AC Supply Input	: AC90~240V / 50~60Hz : 50VA (max.)
Maximum RF Input Power	: +23dBm
Operating Temperature	: -15°C to +45°C
Storage Temperature	: -15°C to +65°C
Connectors (In/Out)	: SMA-FEMALE
Weight	: 3.5kg (max.)

OUTLINE DRAWING



NOTE : Specifications subject to change without notice.

Revision History

Date	Details	Approved
00 2018/10/16	Spec. Change	Tomotaka
01 2024/4/10	Outline Drawing Changes	Yoshikazu

R.K		株式会社 アールアンドケー	
縮尺 SCALE	単位 UNIT	作成年月日 DRAWN	
mm	inch	2009/11/5	
検認 APPROVED	照査 CHECKED	設計 DESIGNED	作成 DRAWN
Masahiko Suzuki	Tomotaka	Masahiko Suzuki	Takano

AA290-RS

SPECIFICATION

EK-20-0229-3-01

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