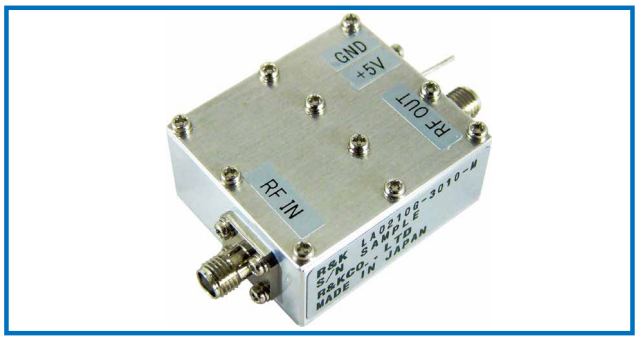
LOW NOISE AMPLIFIER

R&K-LA0210G-3010-M



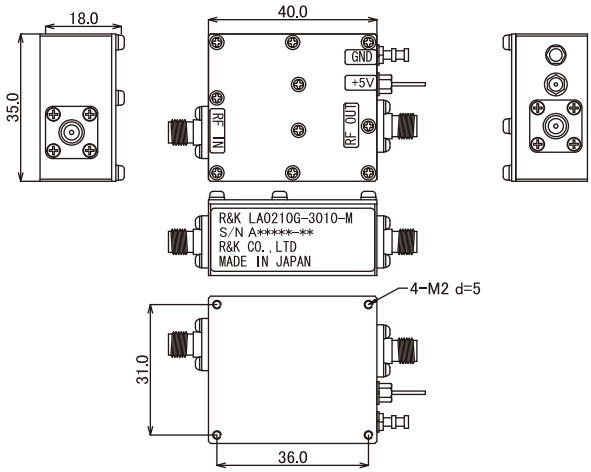
■ Noise Figure :3dB(typ.)
■ Frequency :2GHz～10GHz
■ Low Cost

SPECIFICATIONS

Noise Figure @+25℃	: 3dB (typ.)	
−20℃ to +60℃	: 4.2dB (max.)	
Frequency Range	: 2GHz ~ 10GHz	
Small Signal Gain @+25℃	: +28dB (typ.)	Δ1
−20℃ to +60℃	: +26dB (min.)	Δ1
Gain Flatness	: ±2.0dB (max.)	
Output Power@1dB Comp.	: +10dBm (min.)	
Output I.C.P.	: +22dBm (typ.)	
Impedance	: 50Ω	
Input VSWR	: 1.5 : 1 (typ.)	
Output VSWR	: 1.5 : 1 (typ.)	
DC Supply Input	: +5V ±0.1V	
	: 300mA (max.)	
Maximum RF Input Power	: −10dBm	
Operating Temperature	: −10℃ to +45℃	
Storage Temperature	: −15℃ to +60℃	
Connectors	: SMA-FEMALE	
Weight	: 70g (typ.)	

OUTLINE DRAWING

※IN MILLIMETERS

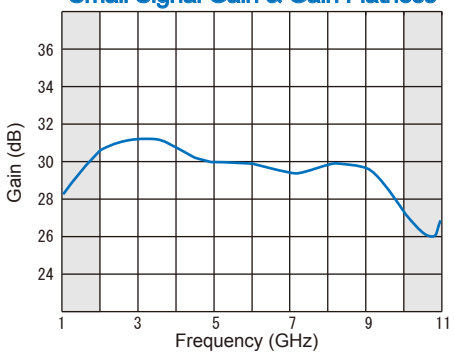


HOW TO ORDER

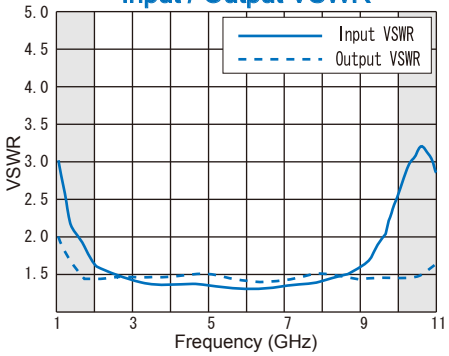
Model Name
R&K-LA0210G-3010-M — No Option

TYPICAL PERFORMANCE (Temp @+25℃)

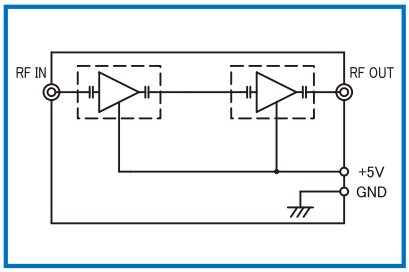
Small Signal Gain & Gain Flatness



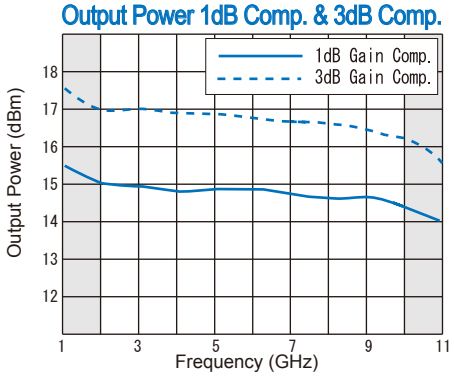
Input / Output VSWR



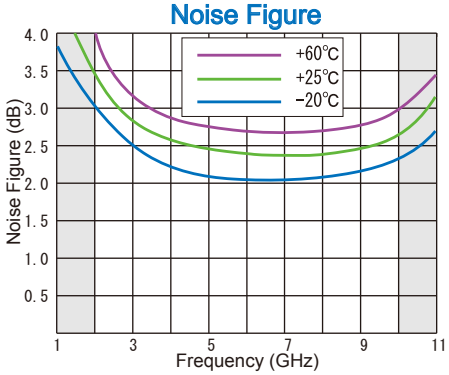
SCHEMATIC



Output Power 1dB Comp. & 3dB Comp.



Noise Figure



＊CHANGE Δ1 29/Oct./2020

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