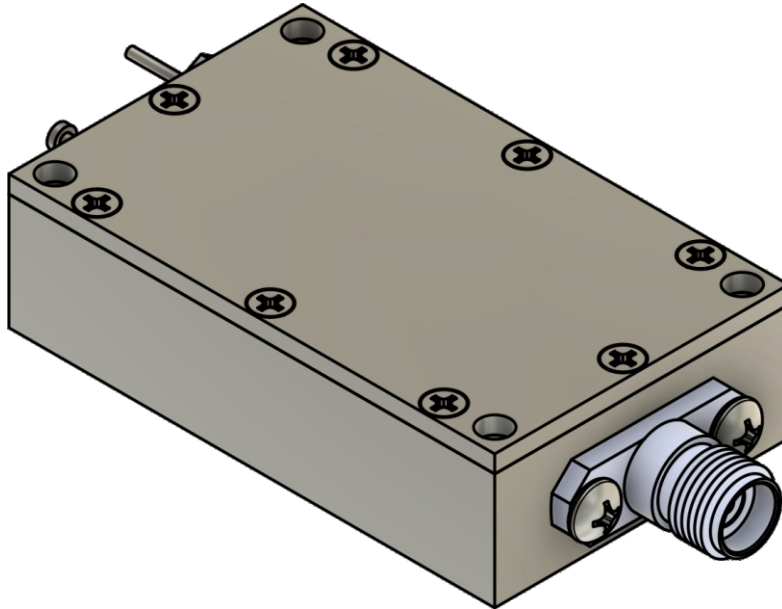


k2600 - High ENR Noise Sources

100MHz to 40GHz



Applications Include:

- Radar warning receivers (RWR)
- Built-in test equipment (BITE)
- Military aircraft
- Automotive Radar
- Ultra-low Latency Wireless Backhaul
- 802.11ad High-Speed Wi-Fi

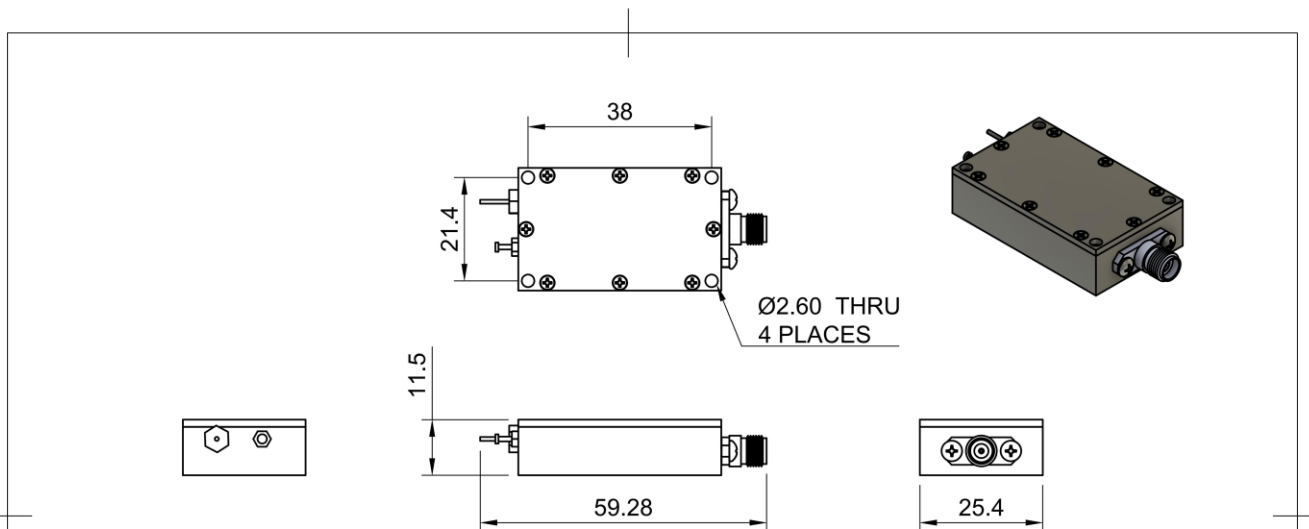
kTB High ENR Noise Sources

The KTB k2600 Series High ENR Noise Source embody excellent stability with temperature and voltage. They are well suited for receiver testing, noise figure measurements, and any application requiring broad bandwidth and fast switching time.

Like all KTB noise sources, the k2600 Series features hermetically sealed noise diodes and each noise source is supplied with calibration data for the full frequency band.

General Specifications

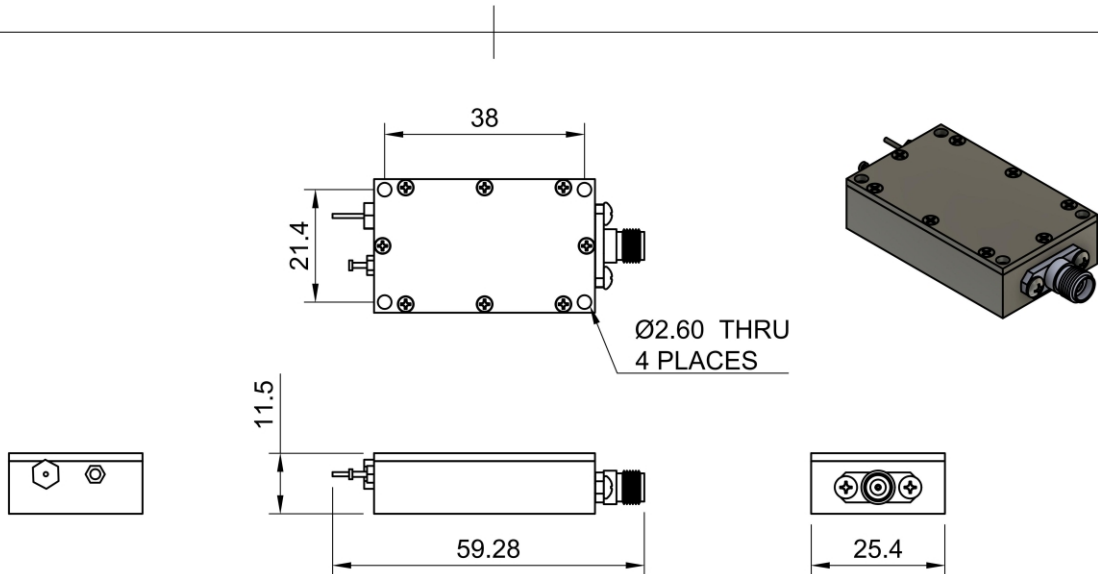
Model	Frequency Range	ENR (dB)	Flatness (dB)	DC Bias	RF Connector
K2608	2GHz -18GHz	>40	± 1.5	+15v@100mA (max)	SMA(F)
K2609	100MHz -18GHz	>40	± 1.5	+15v@100mA (max)	SMA(F)
K2611	2GHz -40GHz	>30	± 2.0	+15v@100mA (max)	2.92mm(F)



SEPCIFICATION

MODEL : k2608
 FREQUENCY : 2GHz TO 18GHz
 ENR : > 40dB
 FLATNESS +\- 1.5dB
 RF CONNECTOR : SMA (f)
 DC CONNECTOR : SOLDER LUGS
 DC BIAS : +15v @ 100mA (max)

Dept.	Technical reference DIMS IN mm	Created by OM	8/16/2025	Approved by
		Document type		Document status
		Title k2608		DWG No. k2608
Rev.	Date of issue	Sheet		
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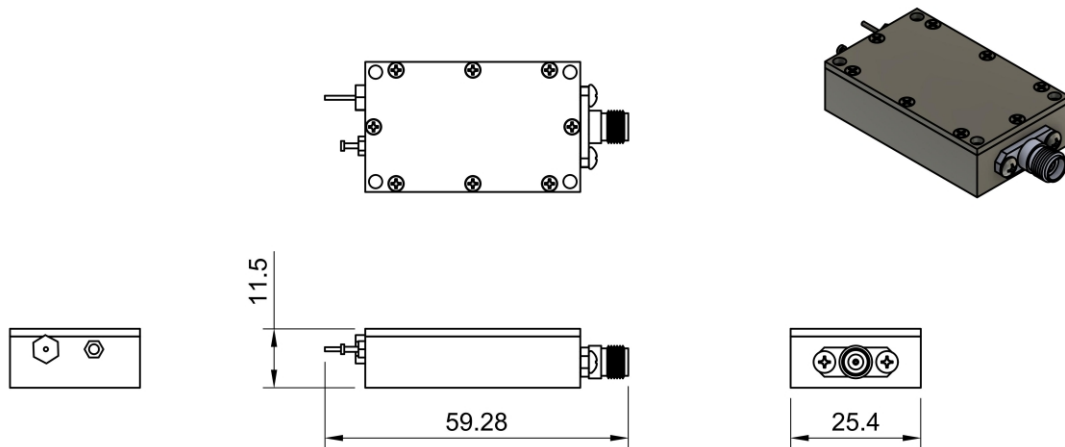
SEPCIFICATION

MODEL : k2609
 FREQUENCY : 100MHz TO 18GHz
 ENR : > 40dB
 FLATNESS +/- 1.5dB
 RF CONNECTOR : SMA (f)
 DC CONNECTOR : SOLDER LUGS
 DC BIAS : +15v @ 100mA (max)

Dept.	Technical reference DIMS IN mm	Created by OM	6/5/2025	Approved by
		Document type		Document status
		Title k2609		DWG No. k2609
		Rev.	Date of issue	Sheet 1/1

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 Web: www.ktbsolutions.com



SEPCIFICATION

MODEL : k2611
 FREQUENCY : 2GHz TO 40GHz
 ENR : > 30dB
 FLATNESS +/- 2.0dB
 RF CONNECTOR : 2.92mm (f)
 DC CONNECTOR : SOLDER LUGS
 DC BIAS : +15v @ 200mA (max)

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		Document type	Document status
		Title	DWG No.
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		Rev.	Date of issue
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k2600 Series Dimensions

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