kP4101 Programmable Noise Generator

Programmable Noise generators covering frequencies from 1Mhz to 1GHz.

kTB Programmable Noise Generator

kP4101 programmable noise generators offer a convenient, economical, rugged instrument ideal for all automated testing requiring noise.

Manual control via an intuitive touchscreen interface, remote control is via Ethernet. Frequency band covers 1MHz to 1GHz.

General Specifications

Model:	kP4101
Frequency:	1MHz to 1GHz
Power:	0dBm
Flatness:	+/- 2.5dB
Spectral Power:	-90dBm/Hz
Noise Attenuation:	127.9dB in 0.1dB steps

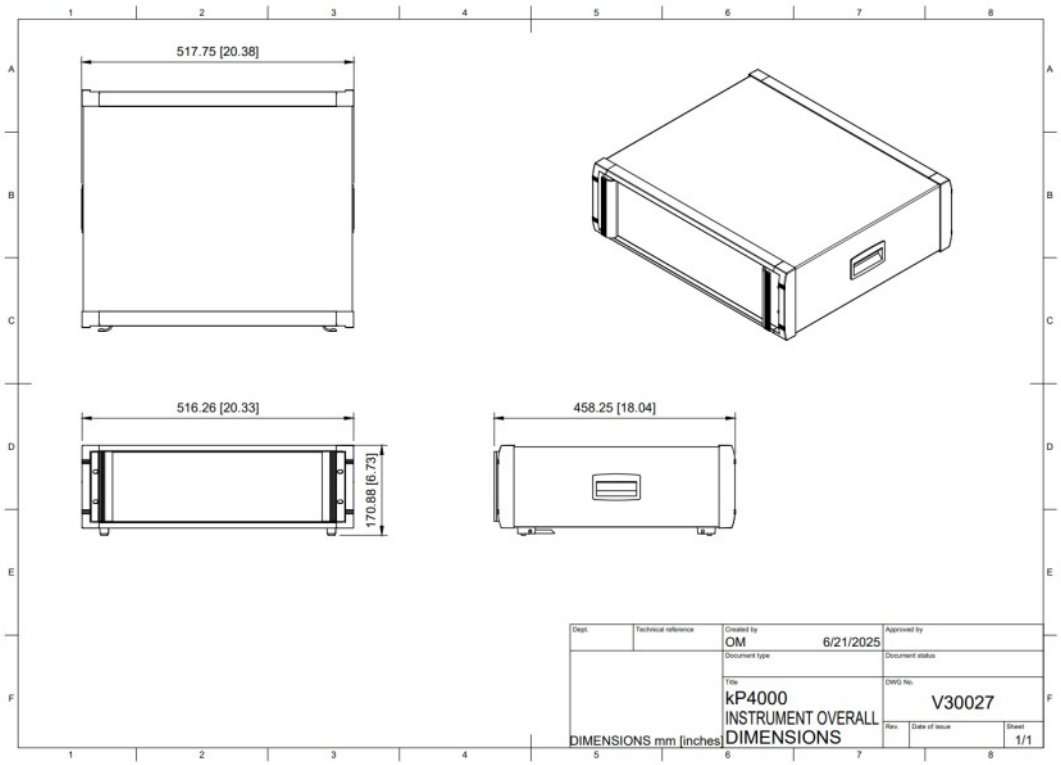
- Output White Gaussian noise
- Power 115/240VAC, 50/60 Hz
- Standard connectors SMA female
- Ethernet
- Touchscreen display
- 3U high enclosure (1U Optional)
- Operating Temperature: -10° to +65°C

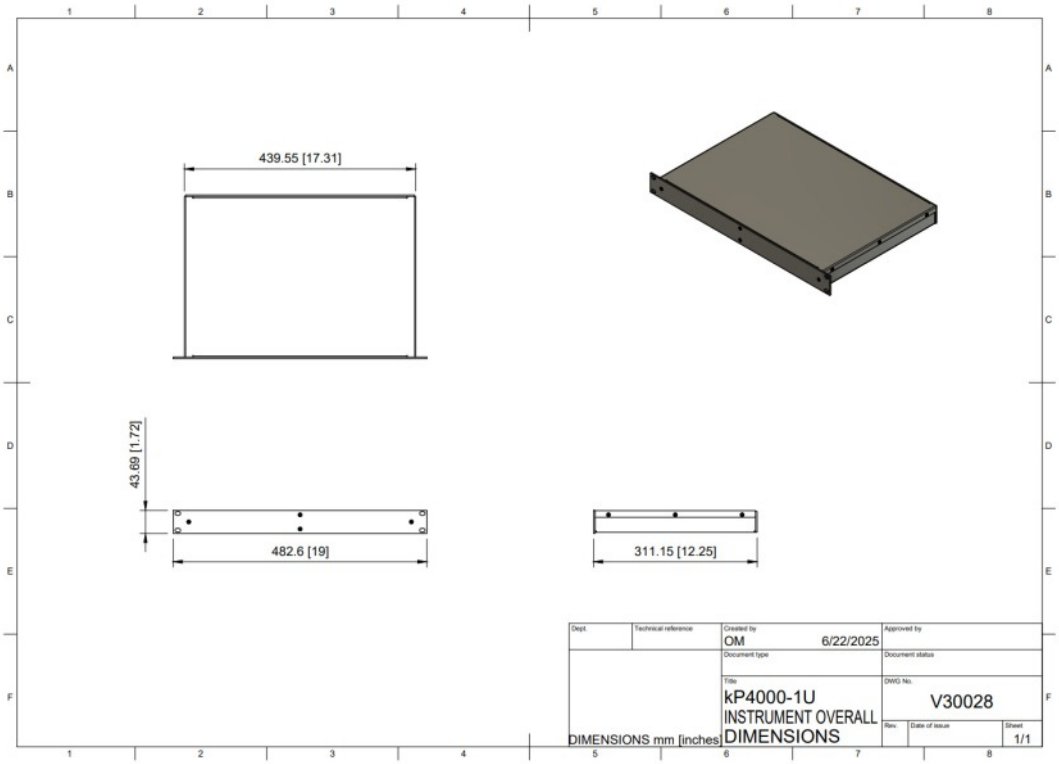
Options

- kP-B BNC RF Connector
- kP – N N Type RF connector
- kP – C Signal Combiner
- kP – SA Signal Attenuator
- kP-SFB Switched Filter Bank
- kP-1U 1U Chassis - Rackmount

Applications Include

- BER Testing (Eb/No, C/N, SNR)
- Jamming
- Jitter tolerance testing
- GPS receiver testing
- EMI testing
- System and component test





kP4101 Dimensions

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