

KAT177682 is a single-channel high accuracy digital step attenuator that fit in a small box. Minimized digital step up to 0.1dB per step. User may select varies digital steps.

<b>Frequency Range</b>	1MHz - 3GHz
<b>Impedance</b>	50 $\Omega$
<b>Attenuation Range</b>	0-63dB, Typical 0.5 dB step
<b>Attenuation Accuracy</b>	$\pm 0.2$ dB +1% dB, RMS $\pm 0.03$ dB
<b>VSWR (Avg.)</b>	1.35
<b>Insertion Loss</b>	$\leq 5.2$ dB @ 1GHz
<b>Insertion Loss Accuracy</b>	$\pm 0.5$ dB
<b>Setting time</b>	500ns
<b>Input Power (Avg.)</b>	+33 dBm
<b>Power Supply</b>	100 - 240 V <sub>AC</sub> 50 - 60 Hz
<b>Control Interface</b>	RS - 232 and RJ45
<b>RF Connector</b>	N (F)
<b>Temperature Range</b>	-10 to +50°C

## Applications:

KAT177682 is suitable for the lab testing by Automatic control through Ethernet. Users can easily simulate path fading of the mobility scenarios between the sectors.

## Features:

KAT177682 contains single -channel digital attenuator with high attenuation accuracy, low-insertion-loss .Users may adjust attenuation with colorful touch screen and LAN Ethernet ports.