

NPRA-20-18000-63.75-0.25

0.02~18GHz, 63.75dB, 0.25dB

Features:

- * Broadband
- * High Dynamic Range

Applications:

- * Wireless
- * Transmitter
- * Laboratory Test
- * Radar

Electrical

Frequency:	0.02~18GHz
Insertion Loss:	8dB max.
Attenuation Flatness:	±0.7dB typ. @10dB ±1dB typ. @31dB ±2dB typ. @63.75dB
Step:	0.25dB
Attenuation Range:	0~63.75dB
Attenuation Accuracy:	±0.8dB typ. @0~10dB ±1dB typ. @10~31dB ±2dB typ. @31~63.75dB
VSWR:	2 max.
Input Power:	+25dBm max.

Mechanical

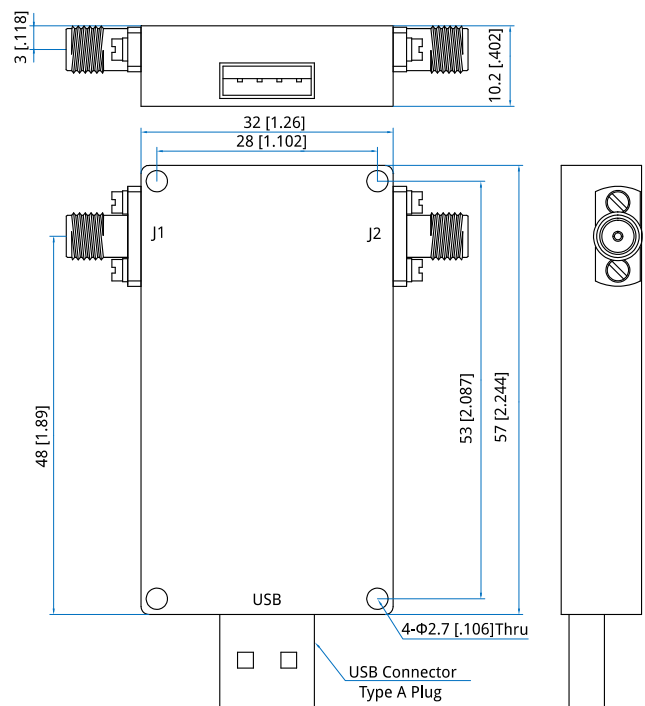
Size ^{*1} :	32*57*10.2mm 1.26*2.244*0.402in
RF Connectors:	SMA-Female
Power Supply & Control	USB 2.0
Interface Connectors:	
Mounting:	4-Φ2.7mm through-hole

[1] Exclude connectors.

Environmental

Storage Temperature: -55~+125°C

Outline Drawings



Unit: mm [in]

Tolerance: ±0.2mm [±0.008in]

How To Order

NPRA-20-18000-63.75-0.25

Customization is available upon request.

NPRA-500-40000-63.5-0.5

0.5~40GHz, 63.5dB, 0.5dB

Features:

- * Broadband
- * High Dynamic Range

Applications:

- * Wireless
- * Transmitter
- * Laboratory Test
- * Radar

Electrical

Frequency:	0.5~40GHz
Insertion Loss:	12dB max.
Attenuation Flatness:	±0.7dB typ. @10dB ±1dB typ. @31dB ±2dB typ. @63.5dB
Step:	0.5dB
Attenuation Range:	0~63.5dB
Attenuation Accuracy:	±0.8dB typ. @0~10dB ±1dB typ. @10~31dB ±2dB typ. @31~63.5dB
VSWR:	2 max.
Input Power:	+25dBm max.

Mechanical

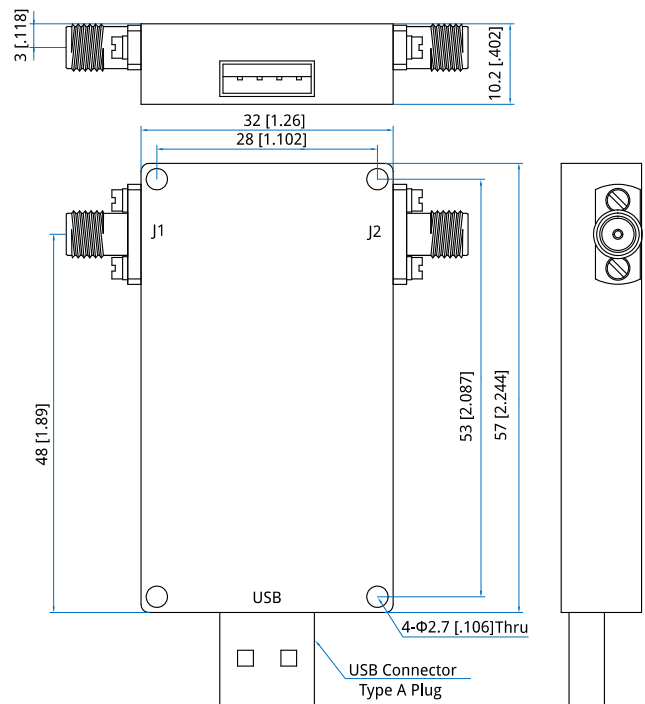
Size*1:	32*57*10.2mm 1.26*2.244*0.402in
RF Connectors:	2.92mm-Female
Power Supply & Control	USB 2.0
Interface Connectors:	
Mounting:	4-Φ2.7mm through-hole

[1] Exclude connectors.

Environmental

Storage Temperature: -55~+125°C

Outline Drawings



Unit: mm [in]

Tolerance: ±0.2mm [±0.008in]

How To Order

NPRA-500-40000-63.5-0.5

Customization is available upon request.

NPRA-9K-8000-80-1

9K~8GHz, 80dB, 1dB

Features:

- * Broadband
- * High Dynamic Range

Applications:

- * Wireless
- * Transmitter
- * Laboratory Test
- * Radar

Electrical

Frequency:	9K~8GHz
Insertion Loss:	9.5dB max.
Attenuation Flatness:	±0.7dB typ. @10dB ±1dB typ. @31dB ±2dB typ. @63dB ±3dB typ. @80dB
Step:	1dB min.
Attenuation Range:	0~80dB
Attenuation Accuracy:	±0.8dB typ. @0~10dB ±1dB typ. @10~31dB ±2dB typ. @32~63dB ±3dB typ. @64~80dB
VSWR:	2 typ.
RF Power:	24dBm max. CW

Absolute Maximum Ratings*1

RF Input Power: +25dBm

[1] Permanent damage may occur if any of these limits are exceeded.

Mechanical

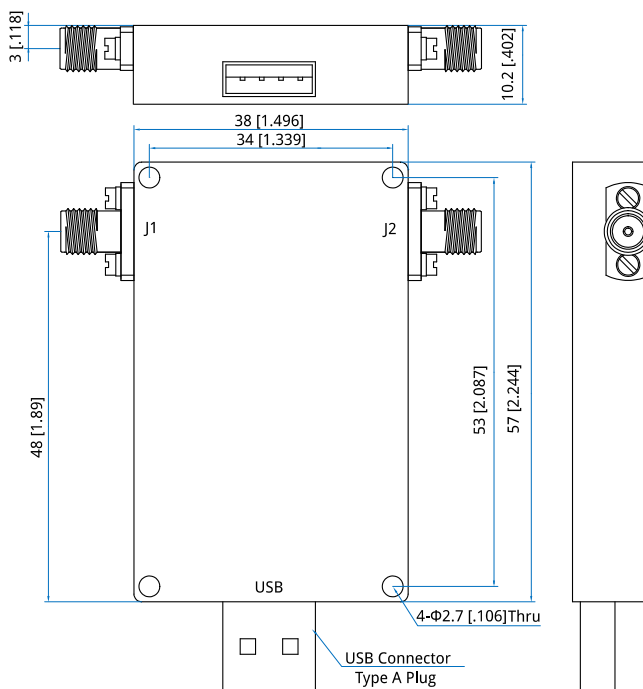
Size*2:	38*57*10.2mm 1.496*2.244*0.402in
RF Connectors:	SMA-Female
Power Supply & Control Interface Connectors:	USB 2.0
Mounting:	4-Φ2.7mm through-hole

[2] Exclude connectors.

Environmental

Storage Temperature: -55~+125°C

Outline Drawings



Unit: mm [in]

Tolerance: ±0.508mm [±0.02in]

How To Order

NPRA-9K-8000-80-1

Customization is available upon request.