

NHC8-1500-2500-10-S

1.5~2.5GHz, 10W

Features:

- * Broadband
- * High Power
- * Low Insertion Loss

Applications:

- * Amplifiers
- * Transmitter
- * Laboratory Test
- * Radar

Electrical

Frequency:	1.5~2.5GHz
Insertion Loss:	0.5dB max.
Isolation:	20dB min.
VSWR:	1.4 max.
Amplitude Balance:	$\pm 0.6\text{dB}$
Phase Balance:	$180 \pm 5^\circ$
	$180 \pm 4^\circ$ @ any 100MHz band
Average Power:	10W max.
Impedance:	50 Ω

Mechanical

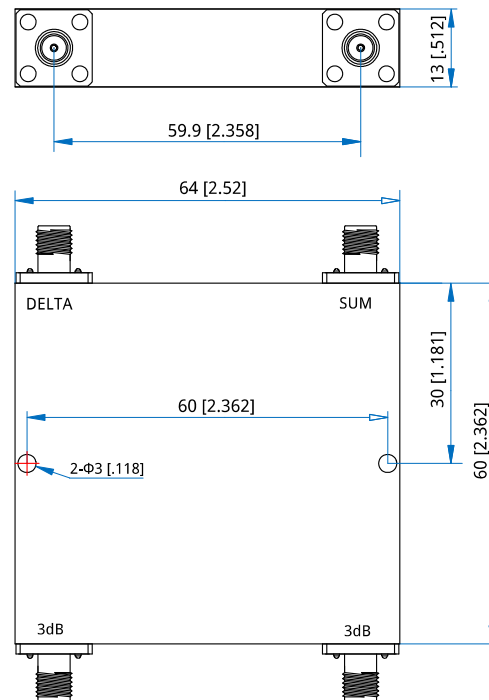
Size*1:	64*60*13mm 2.52*2.362*0.512in
RF Connectors:	SMA Female
Mounting:	2- $\Phi 3\text{mm}$ through-hole

[1] Exclude connectors.

Environmental

Operating Temperature:	-30~+70°C
Non-operating Temperature:	-40~+80°C

Outline Drawings



Unit: mm [in]

Tolerance: $\pm 0.3\text{mm}$ [$\pm 0.012\text{in}$]

How To Order

NHC8-1500-25000-10-S

Customization is available upon request.

NHC8-3200-4000-10-S

3.2~4GHz, 10W

Features:

- * Broadband
- * High Power
- * Low Insertion Loss

Applications:

- * Amplifiers
- * Transmitter
- * Laboratory Test
- * Radar

Electrical

Frequency:	3.2~4GHz
Insertion Loss:	0.5dB max.
Amplitude Balance:	± 0.6 dB
Phase Balance:	$180 \pm 5^\circ$
	$180 \pm 4^\circ$ @ any 100MHz band
VSWR:	1.4 max.
Isolation:	18dB min.
Average Power:	10W max.
Impedance:	50 Ω

Mechanical

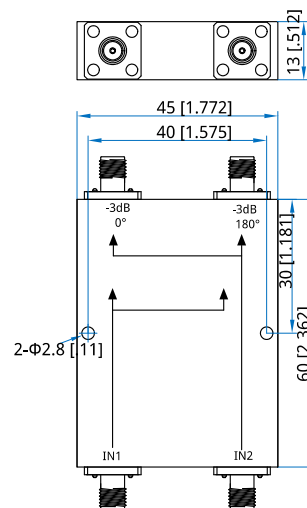
Size*1:	45*60*13mm
	1.772*2.362*0.512in
RF Connectors:	SMA Female
Mounting:	2- Φ 2.8mm through-hole

[1] Exclude connectors.

Environmental

Temperature:	-40~+70°C
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Outline Drawings



Unit: mm [in]

Tolerance: ± 0.3 mm [± 0.012 in]

How To Order

NHC8-3200-4000-10-S

Customization is available upon request.

NHC8-106-176-30-S

106~176MHz, 30W

Features:

- * Broadband
- * High Power
- * Low Insertion Loss

Applications:

- * Amplifiers
- * Transmitter
- * Laboratory Test
- * Radar

Electrical

Frequency:	106~176MHz
Insertion Loss:	1.2dB max.
VSWR:	1.4 max.
Isolation:	18dB min.
Amplitude Balance:	±0.8dB max.
Phase Balance:	±10°
Average Power:	30W max.
Impedance:	50Ω

Mechanical

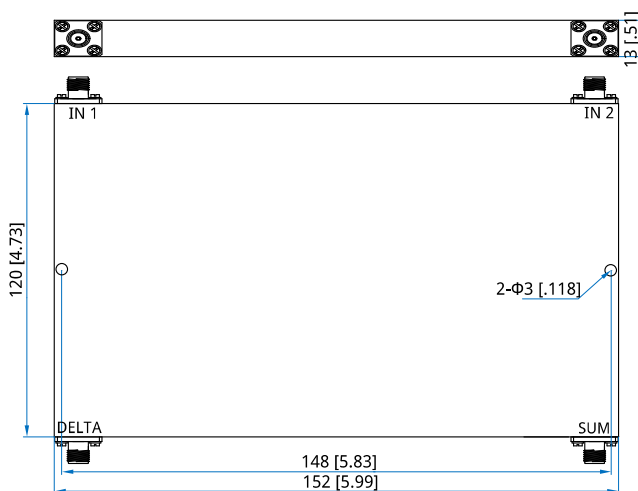
Size ^{*1} :	13*120*152mm 0.51*4.73*5.99in
RF Connectors:	SMA Female
Mounting:	2-Φ3mm through-hole

[1] Exclude connectors.

Environmental

Temperature:	-45~+85°C
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Outline Drawings



Unit: mm [in]

Tolerance: ±0.3mm [±0.012in]

How To Order

NHC8-106-176-30-S

Customization is available upon request.

NHC8-225-400-30-S

225~400MHz, 30W

Features:

- * Broadband
- * High Power
- * Low Insertion Loss

Applications:

- * Amplifiers
- * Transmitter
- * Laboratory Test
- * Radar

Electrical

Frequency:	225~400MHz
Insertion Loss:	1.0dB max.
VSWR:	1.4 max.
Isolation:	18dB min.
Amplitude Balance:	±0.8dB max.
Phase Balance:	±10°
Average Power:	30W max.
Impedance:	50Ω

Mechanical

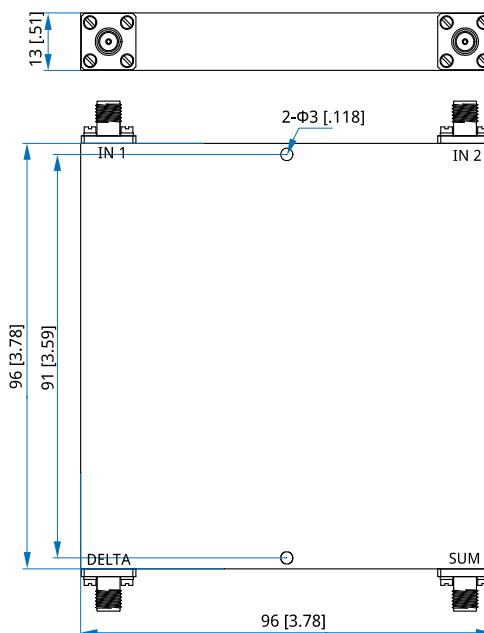
Size ^{*1} :	13*96*96mm 0.51*3.78*3.78in
RF Connectors:	SMA Female
Mounting:	2-Φ3mm through-hole

[1] Exclude connectors.

Environmental

Temperature:	-45~+85°C
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Outline Drawings



Unit: mm [in]

Tolerance: ±0.3mm [±0.012in]

How To Order

NHC8-225-400-30-S

Customization is available upon request.