

NHC9-100-140-10-S

100~140MHz, 10W

Features:

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

Applications:

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

Electrical

Frequency:	100~140MHz
Insertion Loss:	0.5dB max.
Isolation:	18dB min.
VSWR:	1.3 max.
Amplitude Balance:	±0.7dB
Phase Balance:	±5°
Average Power:	10W max.
Impedance:	50Ω

Mechanical

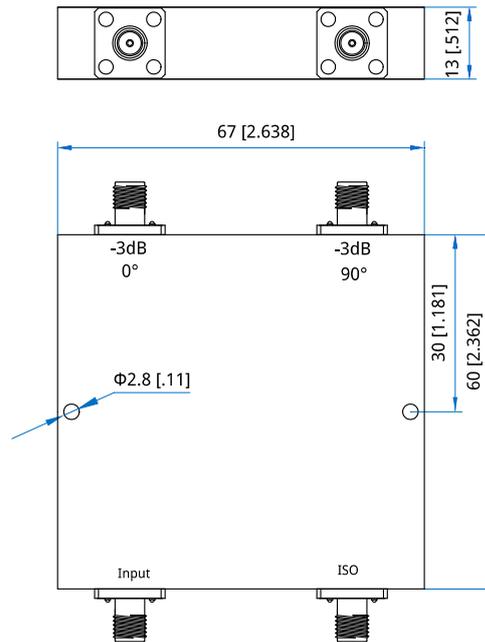
Size* ¹ :	67*60*13mm 2.638*2.362*0.512in
RF Connectors:	SMA Female
Mounting:	2-Φ2.8mm through-hole

[1] Exclude connectors.

Environmental

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

Outline Drawings



Unit: mm [in]
Tolerance: ±0.2mm [±0.008in]

How To Order

NHC9-100-140-10-S

Customization is available upon request.



NHC9-225-400-50-S

225~400MHz, 50W

Features:

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

Applications:

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

Electrical

Frequency:	225~400MHz
Insertion Loss:	0.3dB max.
Isolation:	20dB min.
VSWR:	1.25 max.
Amplitude Balance:	±0.5dB
Phase Balance:	±4°
Average Power:	50W max.
Impedance:	50Ω

Mechanical

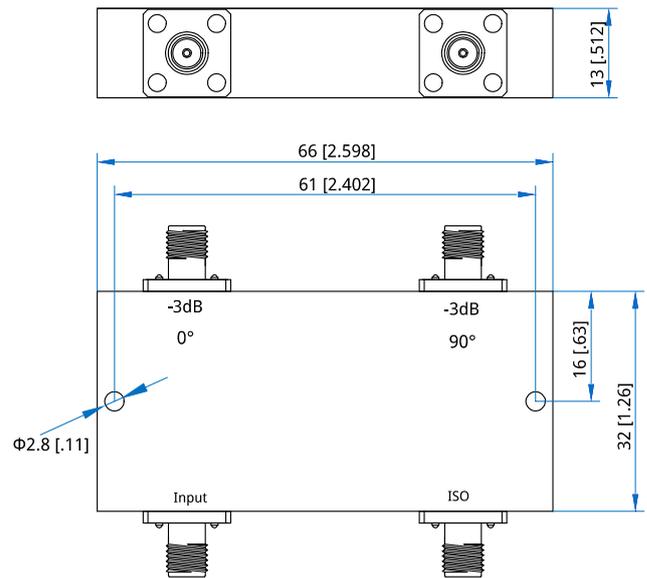
Size*1:	66*32*13mm 2.598*1.26*0.512in
RF Connectors:	SMA Female
Mounting:	2-Φ2.8mm through-hole

[1] Exclude connectors.

Environmental

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

Outline Drawings



Unit: mm [in]

Tolerance: ±0.2mm [±0.008in]

How To Order

NHC9-225-400-50-S

Customization is available upon request.

NHC9-400-650-K8-N

400~650MHz, 800W

Features:

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

Applications:

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

Electrical

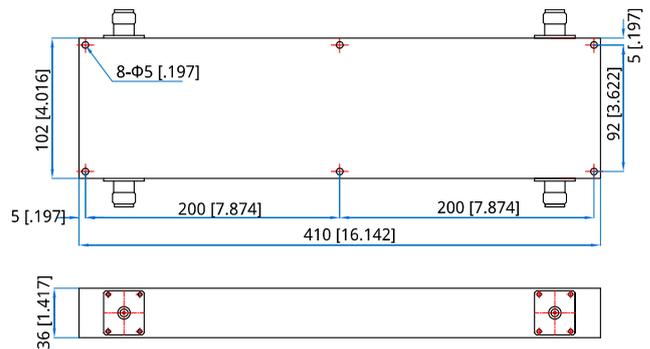
Frequency:	400~650MHz
Insertion Loss:	0.5dB max.
VSWR:	1.35 max.
Isolation:	16dB min.
Phase Balance:	5° max.
Amplitude Balance:	±0.6dB max.
Average Power:	800W max.
Peak Power:	4KW max.

Mechanical

Size*1:	410*102*36mm 16.142*4.016*1.417in
RF Connectors:	N Female
Mounting:	8-Φ5mm through-hole

[1] Exclude connectors.

Outline Drawings



Unit: mm [in]
Tolerance: ±0.2mm [±0.008in]

How To Order

NHC9-400-650-K8-N

Customization is available upon request.

NHC9-500-3000-10-S

0.5~3GHz, 10W

Features:

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

Applications:

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

Electrical

Frequency:	0.5~3GHz
Insertion Loss:	1.1dB max.
Isolation:	20dB min.
VSWR:	1.3 max.
Amplitude Balance:	±0.9dB max.
Phase Balance:	±7° max.
Average Power:	10W

Mechanical

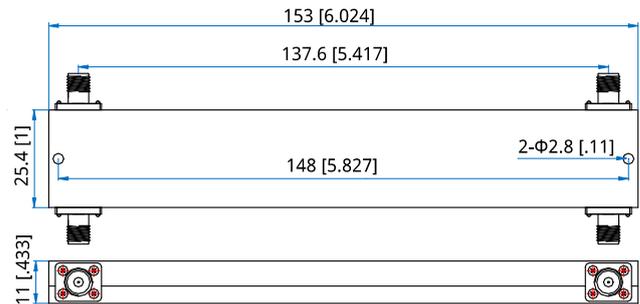
Size*1:	153*25.4*11mm 6.024*1*.433in
RF Connectors:	SMA Female
Mounting:	2-Φ2.8mm through-hole

[1] Exclude connectors.

Environmental

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

Outline Drawings



Unit: mm [in]

Tolerance: ±0.2mm [±0.008in]

How To Order

[NHC9-500-3000-10-S](#)

Customization is available upon request.

NHC9-1000-4000-30-S

1~4GHz, 30W

Features:

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

Applications:

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

Electrical

Frequency:	1~4GHz
Insertion Loss:	0.6dB max.
VSWR:	1.25 max.
Isolation:	20dB min.
Amplitude Balance:	±0.6dB max.
Phase Balance:	±6°
Average Power:	30W max.
Impedance:	50Ω

Mechanical

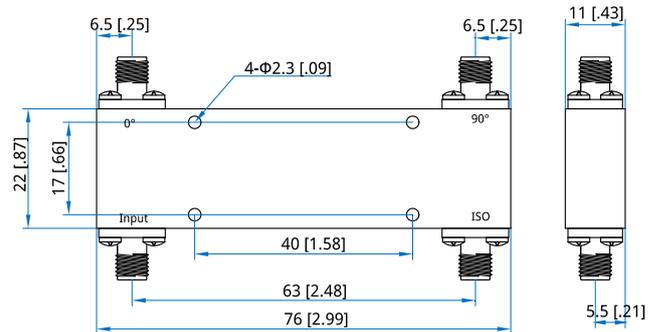
Size* ¹ :	76*22*11mm 2.99*0.87*0.43in
RF Connectors:	SMA Female
Mounting:	4-Φ2.3mm through hole

[1] Exclude connectors.

Environmental

Temperature:	-45~+85°C
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Outline Drawings



Unit: mm [in]

Tolerance: ±0.5mm [±0.02in]

How To Order

NHC9-1000-4000-30-S

Customization is available upon request.

NHC9-1500-2500-30-S

1.5~2.5GHz, 30W

Features:

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

Applications:

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

Electrical

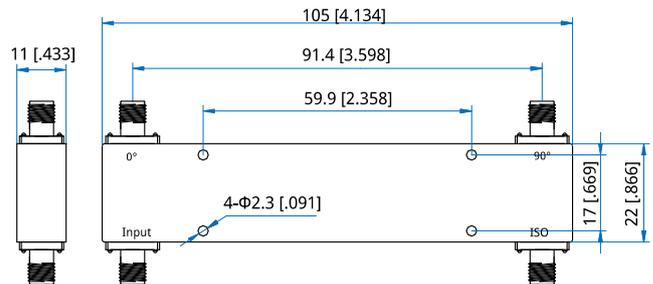
Frequency:	1.5~2.5GHz
Insertion Loss:	0.5dB max.
Amplitude Balance:	±0.6dB
Phase Balance:	±5°
VSWR:	1.3 max.
Isolation:	20dB min.
Impedance:	50Ω

Mechanical

Size*1:	105*22*11mm 4.134*0.866*0.433in
Connectors:	SMA Female
Mounting:	4-Φ2.3mm through-hole

[1] Exclude connectors.

Outline Drawings



Unit: mm [in]

Tolerance: ±0.2mm [±0.008in]

How To Order

[NHC9-1500-2500-30-S](#)

Customization is available upon request.

NHC9-2000-2300-K1-S

2~2.3GHz, 100W

Features:

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

Applications:

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

Electrical

Frequency:	2~2.3GHz
Insertion Loss:	0.35dB max.
VSWR:	1.2 max.
Isolation:	20dB min.
Amplitude Balance:	±0.2dB max.
Phase Balance:	±3° max.
Impedance:	50Ω
Average Power:	100W

Mechanical

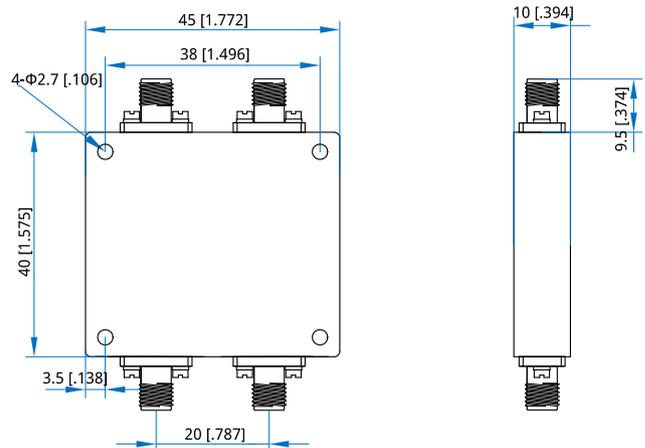
Size*1:	45*40*10mm 1.772*1.575*0.394in
Connectors:	SMA Female
Mounting:	4-Φ2.7mm through-hole

[1] Exclude connectors.

Environmental

Operation Temperature:	-40~+85°C
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Outline Drawings



Unit: mm [in]

Tolerance: ±0.2mm [±0.008in]

How To Order

[NHC9-2000-2300-K1-S](#)

Customization is available upon request.

NHC9-2000-8000-20-S

2~8GHz, 20W

Features:

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

Applications:

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

Electrical

Frequency:	2~8GHz
Insertion Loss:	0.8dB max.
VSWR:	1.4 max.
Isolation:	18dB min.
Amplitude Balance:	±0.8dB max.
Phase Balance:	±8°
Impedance:	50Ω
Average Power:	20W

Mechanical

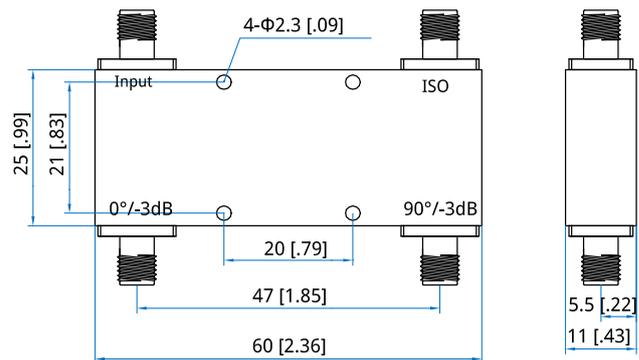
Size ^{*1} :	60*25*11mm 2.36*0.99*0.43in
Connectors:	SMA Female
Mounting:	4-Φ2.3mm through-hole

[1] Exclude connectors.

Environmental

Operation Temperature:	-45~+85°C
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Outline Drawings



Unit: mm [in]
Tolerance: ±0.5mm [±0.02in]

How To Order

NHC9-2000-8000-20-S

Customization is available upon request.

NHC9-2000-8000-60

2~8GHz, 60W

Features:

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

Applications:

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

Electrical

Frequency:	2~8GHz
Insertion Loss:	0.8dB max.
Isolation:	17dB min.
VSWR:	1.5 max.
Amplitude Balance:	±1dB
Phase Balance:	±8°
Average Power:	60W max.
Impedance:	50Ω

Mechanical

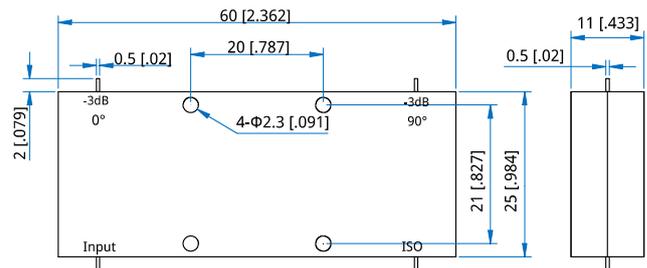
Size*1:	60*25*11mm 2.362*0.984*0.433in
Port Connectors:	Pin (Φ0.5*2mm)
Mounting:	4-Φ2.3mm through-hole

[1] Exclude connectors.

Environmental

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

Outline Drawings



Unit: mm [in]

Tolerance: ±0.2mm [±0.008in]

How To Order

NHC9-2000-8000-60

Customization is available upon request.

NHC9-2000-18000-30-S

2~18GHz, 30W

Features:

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

Applications:

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

Electrical

Frequency:	2~18GHz
Insertion Loss:	2.2dB max.
VSWR:	1.45 max.
Isolation:	18dB min.
Amplitude Balance:	±1.0dB max.
Phase Balance:	±5°
Impedance:	50Ω
Average Power:	30W

Mechanical

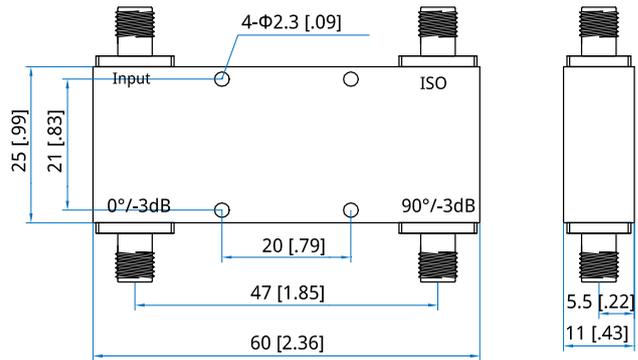
Size ^{*1} :	60*25*11mm 2.36*0.99*0.43in
Weight:	55g
Connectors:	SMA Female
Mounting:	4-Φ2.3mm through-hole

[1] Exclude connectors.

Environmental

Operation Temperature:	-45~+85°C
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Outline Drawings



Unit: mm [in]
Tolerance: ±0.2mm [±0.008in]

How To Order

NHC9-2000-18000-30-S

Customization is available upon request.



NHC9-2400-2500-K5-N

2.4~2.5GHz, 500W

Features:

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

Applications:

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

Electrical

Frequency:	2.4~2.5GHz
Insertion Loss:	0.6dB max.
VSWR:	1.4 max.
Isolation:	18dB min.
Phase Balance:	2.5° max.
Amplitude Balance:	±0.3dB
Average Power:	500W max.
Impedance:	50Ω

Mechanical

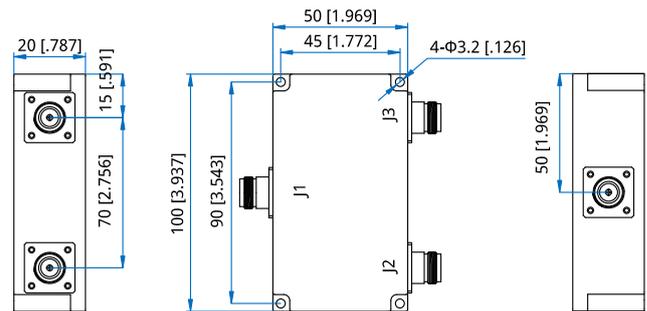
Size*1:	100*50*20mm 3.937*1.969*0.787in
RF Connectors:	N Female
Mounting:	4-Φ3.2mm through hole

[1] Exclude connectors.

Environmental

Operating Temperature:	-30~+70°C
Non-operating Temperature:	-40~+85°C

Outline Drawings



Unit: mm [in]

Tolerance: ±0.2mm [±0.008in]

How To Order

NHC9-2400-2500-K5-N

Customization is available upon request.

NHC9-3200-4000-30-S

3.2~4GHz, 30W

Features:

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

Applications:

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

Electrical

Frequency:	3.2~4GHz
Insertion Loss:	0.5dB max.
Isolation:	20dB min.
VSWR:	1.3 max.
Amplitude Balance:	±0.6dB
Phase Balance:	±2°
Average Power:	30W
Impedance:	50Ω

Mechanical

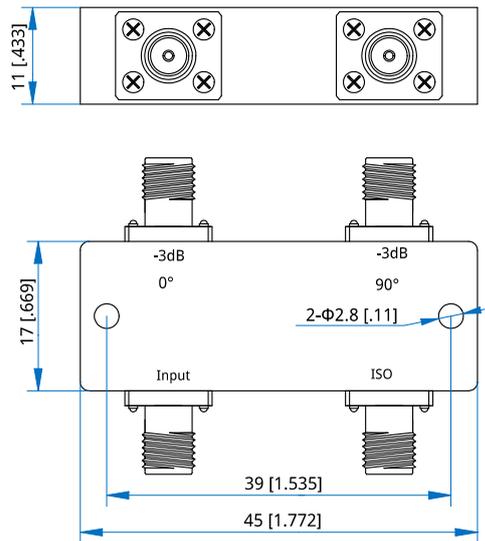
Size*1:	45*17*11mm 1.772*0.669*0.433in
RF Connectors:	SMA Female
Mounting:	2-Φ2.8mm through-hole

[1] Exclude connectors.

Environmental

Operating Temperature: -30~+70°C

Outline Drawings



Unit: mm [in]

Tolerance: ±0.2mm [±0.008in]

How To Order

NHC9-3200-4000-30-S

Customization is available upon request.



NHC9-5700-5900-30-S

5.7~5.9GHz, 30W

Features:

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

Applications:

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

Electrical

Frequency:	5.7~5.9GHz
Insertion Loss:	0.5dB max.
VSWR:	1.25 max.
Isolation:	23dB min.
Amplitude Balance:	±0.3dB max.
Phase Balance:	±3°
Average Power:	30W max.
Impedance:	50Ω

Mechanical

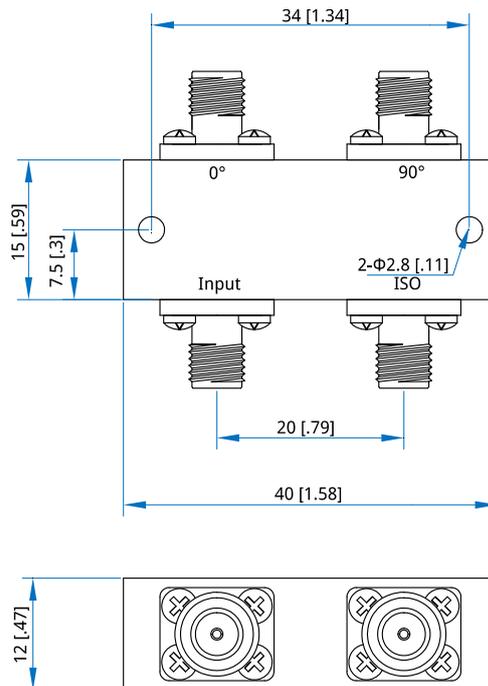
Size ^{*1} :	40*15*12mm 1.58*0.59*0.47in
RF Connectors:	SMA Female
Mounting:	2-Φ2.8mm through hole

[1] Exclude connectors.

Environmental

Temperature:	-45~+85°C
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Outline Drawings



Unit: mm [in]

Tolerance: ±0.5mm [±0.02in]

How To Order

NHC9-5700-5900-30-S

Customization is available upon request.

NHC9-6000-18000-30-S

6~18GHz, 30W

Features:

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

Applications:

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

Electrical

Frequency:	6~18GHz
Insertion Loss:	1dB max.
VSWR:	1.5 max.
Isolation:	16dB min.
Amplitude Balance:	±0.7dB max.
Phase Balance:	±8°
Impedance:	50Ω
Average Power:	30W max.

Mechanical

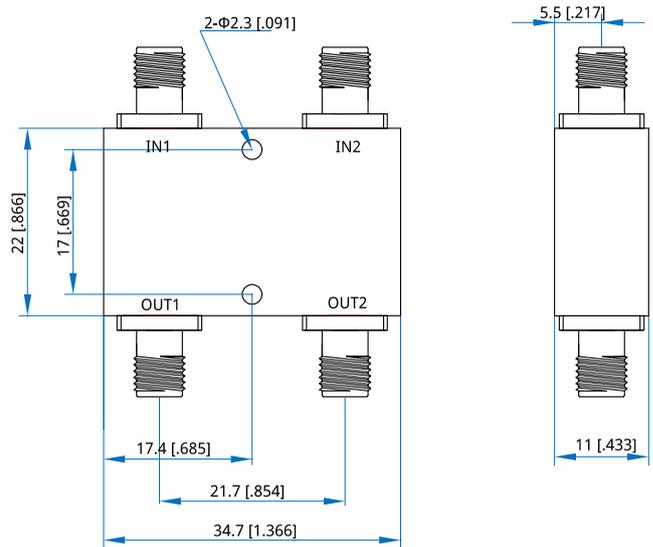
Size*1:	22*34.7*11mm 0.866*1.366*0.433in
Connectors:	SMA Female
Mounting:	2-Φ2.3mm through-hole

[1] Exclude connectors.

Environmental

Operation Temperature: -45~+85°C

Outline Drawings



Unit: mm [in]

Tolerance: ±0.2mm [±0.008in]

How To Order

NHC9-6000-18000-30-S

Customization is available upon request.



NHC9-26000-40000-30-K

26~40GHz, 30W

Features:

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

Applications:

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

Electrical

Frequency:	26~40GHz
Insertion Loss:	2.2dB max.
VSWR:	1.8 max.
Isolation:	12dB min.
Amplitude Balance:	±0.7dB max.
Phase Balance:	±10°
Average Power:	30W max.
Impedance:	50Ω

Mechanical

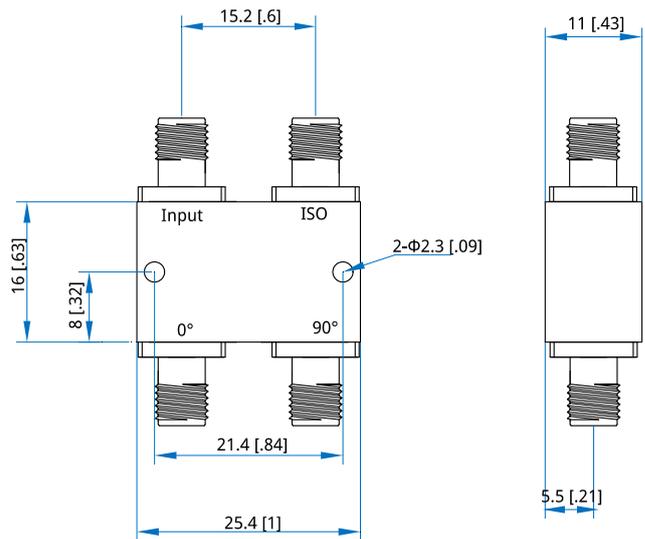
Size* ¹ :	25.4*16*11mm 1*0.63*0.43in
RF Connectors:	2.92mm Female
Mounting:	2-Φ2.3mm through hole

[1] Exclude connectors.

Environmental

Temperature:	-45~+85°C
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Outline Drawings



Unit: mm [in]
Tolerance: ±0.5mm [±0.02in]

How To Order

NHC9-26000-40000-30-K

Customization is available upon request.

