

NDDC-1000-6000-40-10-S

1~6GHz, 40W, 10dB

Features:

* Low Insertion Loss

Applications:

* Amplifiers
* Transmitter
* Laboratory Test
* Radar

Electrical

Frequency:	1~6GHz
Insertion Loss:	2dB max.
VSWR:	1.3 max.
Directivity:	18dB min.
Coupling:	10±1dB
Average Power:	40W
Impedance:	50Ω

Mechanical

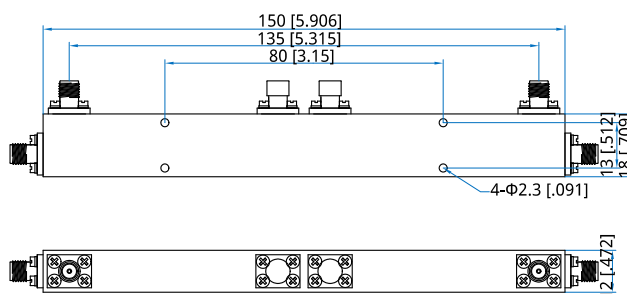
Size*1:	150*18*12mm 5.906*0.709*0.472in
Connectors:	SMA Female
Mounting:	4-Φ2.3mm through-hole

[1] Exclude connectors and termination

Environmental

Temperature:	-45~+85°C
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Outline Drawings



Unit: mm [in]

Tolerance: ±0.2mm [±0.008in]

How To Order

NDDC-1000-6000-40-10-S

Customization is available upon request.

NDDC-1000-6000-50-10-NS

1~6GHz, 50W, 10dB

Features:

* Low Insertion Loss

Applications:

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

Electrical

Frequency:	1~6GHz
Insertion Loss:	2dB max.
VSWR:	1.3 max.
Directivity:	18dB min.
Coupling:	10±1dB
Average Power:	50W
Impedance:	50Ω

Mechanical

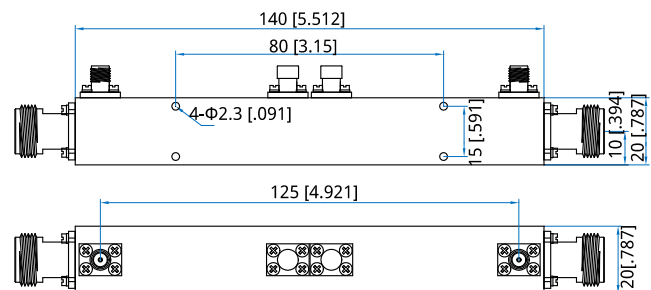
Size*1:	140*20*20mm 5.512*0.787*0.787in
Connectors:	SMA Female, N Female
Mounting:	4-Φ2.3mm through-hole

[1] Exclude connectors and termination

Environmental

Temperature:	-45~+85°C
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Outline Drawings



Unit: mm [in]

Tolerance: ±0.2mm [±0.008in]

How To Order

NDDC-1000-6000-50-10-NS

Customization is available upon request.

NDDC-1900-2200-50-10-NS

1.9~2.2GHz, 50W, 10dB

Features:

* Low Insertion Loss

Applications:

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

Electrical

Frequency:	1.9~2.2GHz
Insertion Loss:	1.5dB max.
VSWR:	1.2 max.
Directivity:	20dB min.
Coupling:	10±1dB
Average Power:	50W
Impedance:	50Ω

Mechanical

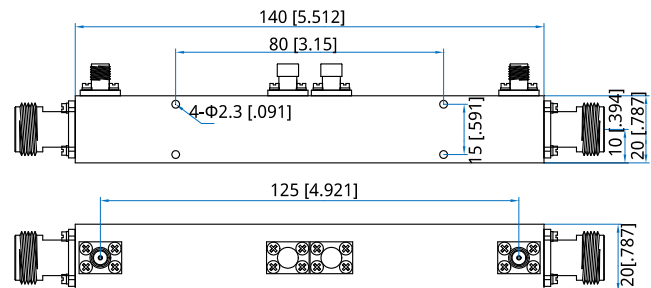
Size*1:	140*20*20mm 5.512*0.787*0.787in
Connectors:	SMA Female, N Female
Mounting:	4-Φ2.3mm through-hole

[1] Exclude connectors and termination

Environmental

Temperature:	-45~+85°C
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Outline Drawings



Unit: mm [in]

Tolerance: ±0.2mm [±0.008in]

How To Order

NDDC-1900-2200-50-10-NS

Customization is available upon request.

NDDC-2000-4000-10-10-S

2~4GHz, 10W, 10dB

Features:

* Low Insertion Loss

Applications:

* Amplifiers
* Transmitter
* Laboratory Test
* Radar

Electrical

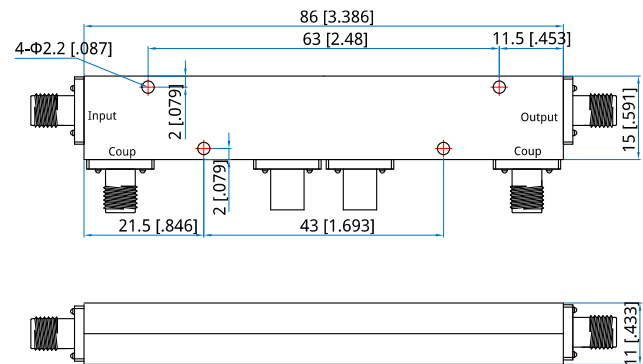
Frequency:	2~4GHz
Insertion Loss:	0.8dB max.
Coupling:	10±1.0dB
Directivity:	18dB min.
VSWR:	1.2 max.
Average Power:	10W
Impedance:	50Ω

Mechanical

Size*1:	86*15*11mm 3.386*0.591*0.433in
Main Line Connectors:	SMA Female
Mounting:	4-Φ2.2mm through-hole

[1] Exclude connectors and termination

Outline Drawings



Unit: mm [in]

Tolerance: ±0.2mm [±0.008in]

How To Order

NDDC-2000-4000-10-10-S

Customization is available upon request.

NDDC-2000-18000-20-40-S

2~18GHz, 20W, 40dB

Features:

* Low Insertion Loss

Applications:

* Amplifiers
* Transmitter
* Laboratory Test
* Radar

Electrical

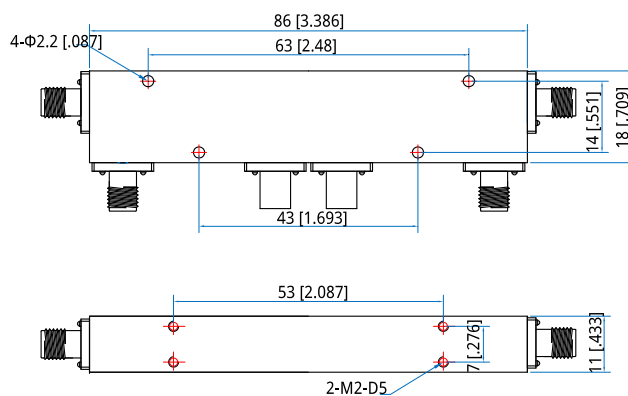
Frequency:	2~18GHz
Insertion Loss:	2dB max.
Coupling:	40±1.5dB
Directivity:	7dB min.
VSWR:	1.7 max.
Average Power:	20W
Impedance:	50Ω

Mechanical

Size* ¹ :	86*18*11mm 3.386*0.709*0.433in
Main Line Connectors:	SMA Female
Mounting:	4-Φ2.2mm through-hole 4-M2, depth 5mm

[1] Exclude connectors and termination

Outline Drawings



Unit: mm [in]

Tolerance: ±0.2mm [±0.008in]

How To Order

NDDC-2000-18000-20-40-S

Customization is available upon request.

NDDC-4000-6000-10-10-S

4~6GHz, 10W, 10dB

Features:

* Low Insertion Loss

Applications:

* Amplifiers
* Transmitter
* Laboratory Test
* Radar

Electrical

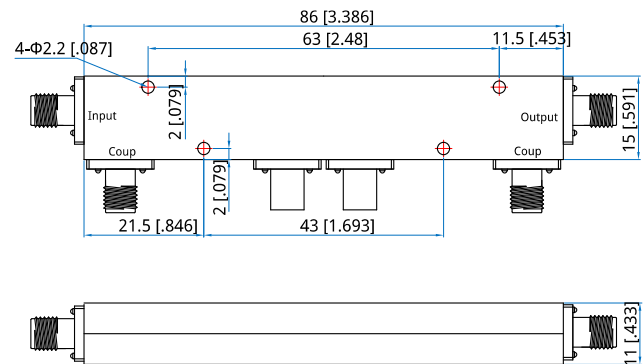
Frequency:	4~6GHz
Insertion Loss:	0.8dB max.
Coupling:	10±1.0dB
Directivity:	18dB min.
VSWR:	1.2 max.
Average Power:	10W
Impedance:	50Ω

Mechanical

Size*1:	86*15*11mm 3.386*0.591*0.433in
Main Line Connectors:	SMA Female
Mounting:	4-Φ2.2mm through-hole

[1] Exclude connectors and termination

Outline Drawings



Unit: mm [in]

Tolerance: ±0.2mm [±0.008in]

How To Order

NDDC-4000-6000-10-10-S

Customization is available upon request.

NDDC-6000-18000-70-40-S

6~18GHz, 70W, 40dB

Features:

* Low Insertion Loss

Applications:

* Amplifiers
* Transmitter
* Laboratory Test
* Radar

Electrical

Frequency:	6~18GHz
Insertion Loss:	0.5dB max.
Coupling:	40±2.5dB
Coupling Flatness:	±0.75dB max.
Directivity:	15dB min.
VSWR:	1.4 max.
Average Power:	70W max.

Mechanical

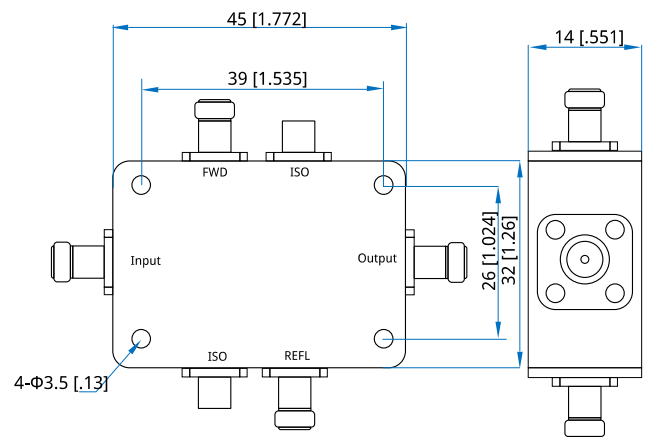
Size*1:	45*32*14mm 1.772*1.26*0.551in
RF Connectors:	SMA Female
Mounting:	4-Φ3.5mm through-hole

[1] Exclude connectors and termination

Environmental

Operating Temperature:	-40~+60°C
Non-operating Temperature:	-55~+85°C

Outline Drawings



Unit: mm [in]

Tolerance: ±0.2mm [±0.008in]

How To Order

NDDC-6000-18000-70-40-S

Customization is available upon request.

NDDC-20-520-50-50-S

0.02~0.52GHz, 50W, 50dB

Features:

* Low Insertion Loss

Applications:

* Amplifiers
* Transmitter
* Laboratory Test
* Radar

Electrical

Frequency:	0.02~0.52GHz
Insertion Loss:	0.35dB max.
VSWR:	1.25 max.
Directivity:	20dB min.
Frequency Sensitivity:	± 0.6 dB
Coupling:	50 ± 1 dB
Average Power:	50W
Impedance:	50 Ω

Mechanical

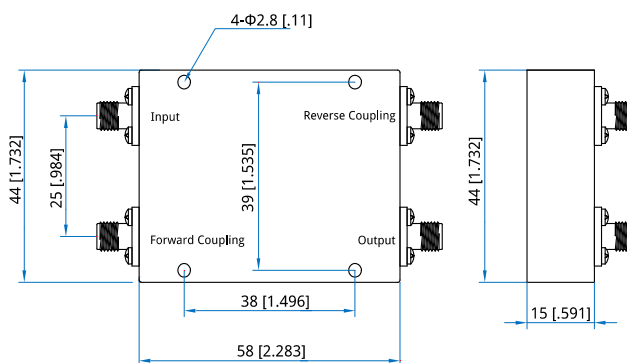
Size* ¹ :	58*44*15mm 2.283*1.732*0.591in
Connectors:	SMA Female
Mounting:	4- Φ 2.8mm through-hole

[1] Exclude connectors

Environmental

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



Unit: mm [in]

Tolerance: ± 0.2 mm [± 0.008 in]

How To Order

NDDC-20-520-50-50-S

Customization is available upon request.

NBDC-2000-4000-K4-40-NS

2~4GHz, 400W, 40dB

Features:

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

Applications:

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

Electrical

Frequency:	2~4GHz
Insertion Loss:	0.5dB max.
Coupling:	40±1.5dB
VSWR:	1.3 max.
Average Power:	400W min.
Directivity:	10dB min.

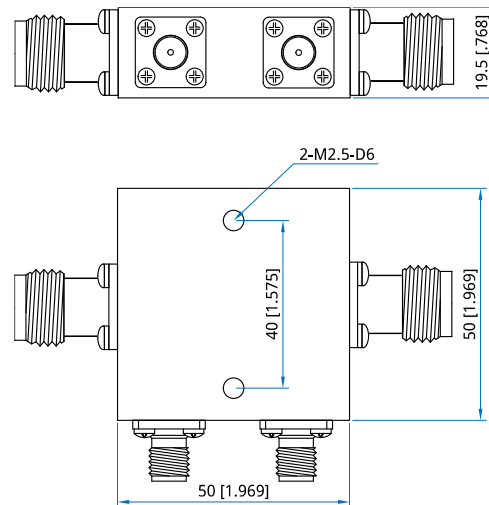
[1] Derated linearly to 0.5W@120°C.

Mechanical

Size ^{*1} :	50*50*22.6mm 1.969*1.969*0.89in
Connectors:	SMA Female, N Female
Mounting:	2-M2.5, depth 6mm

[1] Exclude connectors.

Outline Drawings



Unit: mm [in]

Tolerance: ±0.2mm [±0.008in]

How To Order

NBDC-2000-4000-K4-40-NS

Customization is available upon request.

NBDC-4000-6000-K4-40-NS

4~6GHz, 400W, 40dB

Features:

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

Applications:

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

Electrical

Frequency:	4~6GHz
Insertion Loss:	0.6dB max.
Coupling:	40±1.5dB
VSWR:	1.3 max.
Average Power:	400W min.
Directivity:	10dB min.

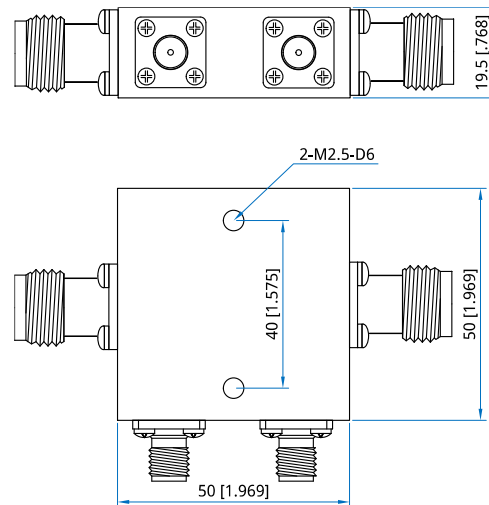
[1] Derated linearly to 0.5W@120°C.

Mechanical

Size ^{*1} :	50*50*22.6mm 1.969*1.969*0.89in
Connectors:	SMA Female, N Female
Mounting:	2-M2.5, depth 6mm

[1] Exclude connectors.

Outline Drawings



Unit: mm [in]

Tolerance: ±0.2mm [±0.008in]

How To Order

NBDC-4000-6000-K4-40-NS

Customization is available upon request.

NDDC-400-450-20-40-S

0.4~0.45GHz, 20W, 40dB

Features:

- * Low Insertion Loss

Applications:

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

Electrical

Frequency:	0.4~0.45GHz
Insertion Loss:	0.3dB max.
Coupling:	40±1dB
Coupling Flatness:	±1dB max.
Directivity:	20dB min.
VSWR:	1.3 max.
Average Power:	20W max.

Mechanical

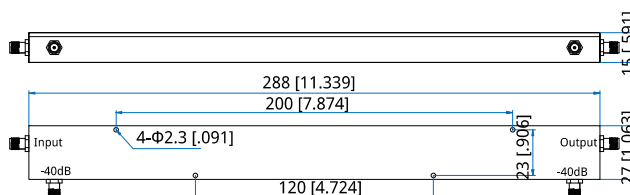
Size*1:	288*27*15mm 11.339*1.063*0.591in
Connectors:	SMA Female
Mounting:	4-Φ2.3mm through-hole

[1] Exclude connectors

Environmental

Operating Temperature:	-20~+70°C
Non-operating Temperature:	-25~+75°C

Outline Drawings



Unit: mm [in]

Tolerance: $\pm 0.2\text{mm}$ [$\pm 0.008\text{in}$]

How To Order

NDDC-400-450-20-40-S

Customization is available upon request.

NDDC-400-2000-K3-40-N

0.4~2GHz, 300W, 40dB

Features:

* Low Insertion Loss

Applications:

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

Electrical

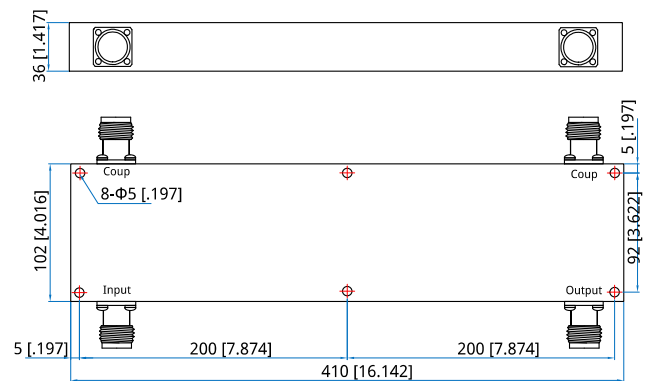
Frequency:	0.4~2GHz
Coupling:	40±1dB
VSWR:	1.3 max.
Insertion Loss:	0.35dB max.
Directivity:	20dB min.
Average Power:	300W max.

Mechanical

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

[1] Exclude connectors

Outline Drawings



Unit: mm [in]

Tolerance: ±0.2mm [±0.008in]

How To Order

NDDC-400-2000-K3-40-N

Customization is available upon request.

NDDC-700-6000-50-10-S

0.7~6GHz, 50W, 10dB

Features:

* Low Insertion Loss

Applications:

* Amplifiers
* Transmitter
* Laboratory Test
* Radar

Electrical

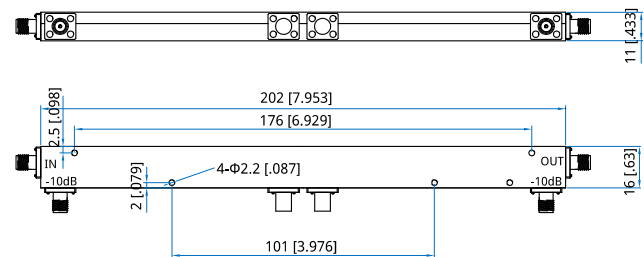
Frequency:	0.7~6GHz
Insertion Loss:	2.2dB max.
Coupling:	10±1.2dB
Directivity:	12dB min.
VSWR:	1.4 max.
Average Power:	50W
Impedance:	50Ω

Mechanical

Size* ¹ :	202*16*11mm 7.953*0.63*0.433in
Connectors:	SMA Female
Mounting:	4-Φ2.2mm through-hole

[1] Exclude connectors

Outline Drawings



Unit: mm [in]

Tolerance: ±0.2mm [±0.008in]

How To Order

NDDC-700-6000-50-10-S

Customization is available upon request.

NDDC-700-6000-50-30-S

0.7~6GHz, 50W, 30dB

Features:

* Low Insertion Loss

Applications:

* Amplifiers
* Transmitter
* Laboratory Test
* Radar

Electrical

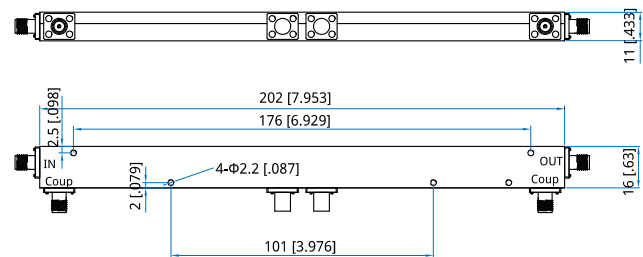
Frequency:	0.7~6GHz
Insertion Loss:	1.2dB max.
Coupling:	30±1.5dB
Directivity:	10dB min.
VSWR:	1.4 max.
Average Power:	50W
Impedance:	50Ω

Mechanical

Size* ¹ :	202*16*11mm 7.953*0.63*0.433in
Connectors:	SMA Female
Mounting:	4-Φ2.2mm through-hole

[1] Exclude connectors

Outline Drawings



Unit: mm [in]

Tolerance: ±0.2mm [±0.008in]

How To Order

NDDC-700-6000-50-30-S

Customization is available upon request.