

## NSDC-300-2400-30

0.3~2.4GHz, 30W

### Features:

- \* Broadband
- \* Low Insertion Loss

### Applications:

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

### Electrical

Frequency:	0.3~2.4GHz
Insertion Loss:	1dB max.
Coupling:	10, 20, 30dB
Coupling Flatness:	$\pm 3.5\text{dB}@0.3\sim 0.5\text{GHz}$ $\pm 1\text{dB}@0.51\sim 2.4\text{GHz}$
Directivity:	18dB min.
VSWR:	1.3 max.
Average Power:	30W
Impedance:	50 $\Omega$

### Mechanical

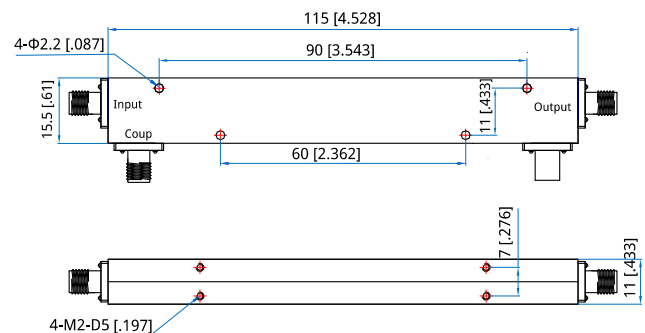
Size*1:	115*15.5*11mm 4.528*0.61*0.433in
Connectors:	SMA Female
Mounting:	4- $\Phi$ 2.2mm through-hole 4-M2, depth 5mm

[1] Exclude connectors and terminations.

### Environmental

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

### Outline Drawings



Unit: mm [in]

Tolerance:  $\pm 0.5\text{mm}$  [ $\pm 0.02\text{in}$ ]

### How To Order

**NSDC-300-2400-30-X-Y**

X: Coupling: 10, 20, 30

Y: Connector type

Connector naming rules:

S - SMA Female

Examples:

To order a single directional coupler, 0.3~ 2.4GHz, 30W, 10dB, SMA, specify NSDC-300-2400-30-10-S.

Customization is available upon request.