

# Single Directional Coupler

# NSDC-400-20000-10-20-S

0.4~20GHz, 10W, 20dB

Features: \* Broadband Applications: \* Amplifiers

\* Low Insertion Loss

\* Transmitter \* Laboratory Test

\* Radar

### **Electrical**

Frequency: 0.4~20GHz
Insertion Loss: 1.5dB max.
Coupling: 20±1.5dB

Directivity: 10dB min.@0.4~16GHz

8dB min.@16.1~20GHz

 $\begin{array}{cc} & VSWR: & 1.5 \text{ max.} \\ & Impedance: & 50\Omega \\ & Average \ Power: & 10W \end{array}$ 

#### Mechanical

Size\*1: 137\*15.5\*11mm

5.394\*0.61\*0.433in

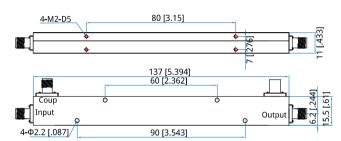
Connectors: SMA Female

Mounting: 4-Φ2.2mm through-hole

4-M2, depth 5mm

[1] Exclude connectors and terminations.

## **Outline Drawings**



Unit: mm [in]

Tolerance: ±0.2mm [±0.008in]

### How To Order

NSDC-400-20000-10-20-S

Customization is available upon request.