

# Single Directional Coupler

# NSDC-2500-6000-50-6-S

2.5~6GHz, 50W, 6dB

Features: \* Broadband Applications: \* Amplifiers

\* Low Insertion Loss

\* Transmitter \* Laboratory Test

\* Radar

### **Electrical**

Frequency: 2.5~6GHz
Insertion Loss: 0.8dB max.
VSWR: 1.2 max.

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Directivity: 20dB min.

Coupling: 6±1dB

Coupling Flatness: ±1.0dB max.

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#### Mechanical

Size\*1: 43\*15\*11mm

1.69\*0.59\*0.43in

Connectors: SMA Female

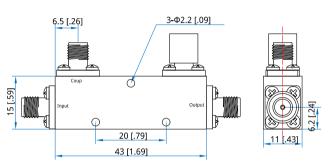
Mounting: 3-Φ2.2mm through-hole

[1] Exclude connectors and terminations.

#### **Environmental**

Temperature: -45~+85°C

### **Outline Drawings**



Unit: mm [in]

Tolerance: ±0.5mm [±0.02in]

#### How To Order

NSDC-2500-6000-50-6-S

Customization is available upon request.