

# Single Directional Coupler

## NSDC-400-2700-K4-40-N

0.4~2.7GHz, 400W, 40dB

Features: \* Broadband Applications:

\* Broadband \* Low Insertion Loss

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

### **Electrical**

Frequency: 0.4~2.7GHz
Insertion Loss: 0.4dB max.
Coupling: 40±1.2dB
Directivity: 20dB min.

VSWR: 1.2 max.

Average Power: 400W max.

Peak Power\*1: 4KW

[1] Pulse width: 5us, duty cycle: 1%.

#### Mechanical

Size\*2: 158\*53\*26mm

6.220\*2.087\*1.024in

Weight: 680g Connectors: N Female

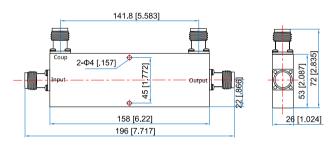
Mounting: 2-Φ4mm through-hole

[2] Exclude connectors and terminations.

#### **Environmental**

Operating Temperature:  $-10^+50^{\circ}$ C Non-operating Temperature:  $-40^+70^{\circ}$ C

### **Outline Drawings**



Unit: mm [in]

Tolerance: ±0.5mm [±0.02in]

#### How To Order

NSDC-400-2700-K4-40-N

Customization is available upon request.