

# 6-Way Power Divider/Combiner

# NPD6-700-2700

6-Way, 0.7~2.7GHz

Features:
\* Small Size
\* Low Insertion Loss

Applications:
\* Amplifiers
\* Mixers
\* Antennas

\* Laboratory Test

#### **Electrical**

Frequency: 0.7~2.7GHz
Insertion Loss: 1.0dB max.
Input VSWR: 1.3 max.
Output VSWR: 1.2 max.
Isolation: 20dB min.

Amplitude Balance: 0.5dB max.

Phase Balance:  $\pm 6^{\circ}$  Impedance:  $50\Omega$  Average Power: 40W max.

2.5W max. as combiner

#### Mechanical

Size\*1: 124\*98\*12mm

4.882\*3.858\*0.472in

Connectors: SMA Female

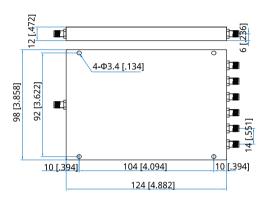
Mounting: 4-Φ3.4mm through-hole

[1] Exclude connectors.

### **Environmental**

Operation Temperature: -35~+75°C

## **Outline Drawings**



Unit: mm [in]

Tolerance: ±0.5mm [±0.02in]

#### How To Order

NPD6-700-2700

Customization is available upon request.