

## 6-Way Power Divider/Combiner

# NPD6-500-3000-50-S

6-Way, 0.5~3GHz

Features:
\* Small Size
\* Low Insertion Loss

Applications:
\* Amplifiers
\* Mixers
\* Antennas

\* Laboratory Test

#### **Electrical**

Frequency: 0.5~3GHz
Insertion Loss: 2.6dB max.
VSWR: 1.5 max.

Isolation: 18dB min.

Amplitude Balance:  $\pm 1.5$ dB max.

Phase Balance:  $\pm 20^{\circ}$  max.

Impedance:  $50\Omega$ 

 $\begin{array}{ll} & \text{Impedance:} & 50\Omega \\ & \text{Average Power:} & 50W \text{ max.} \end{array}$ 

2W max. as combiner

#### Mechanical

Size\*1: 105\*118\*12mm

4.134\*4.646\*0.472in

Connectors: SMA Female

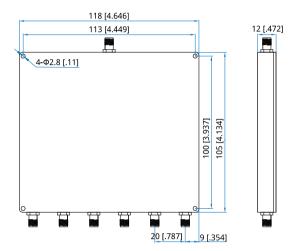
Mounting: 4-Φ2.8mm through-hole

[1] Exclude connectors.

#### Environmental

Operating Temperature: -40~+70°C Non-operating Temperature: -40~+75°C

### **Outline Drawings**



Unit: mm [in]

Tolerance: ±0.5mm [±0.02in]

#### How To Order

NPD6-500-3000-50-S

Customization is available upon request.