

NMPS45

45°/GHz

Features:

- * Low Insertion Loss
- * High Power
- * High Reliable

Applications:

- * Laboratory Test
- * Transmitter
- * Instrumentation
- * Wireless

Electrical

Frequency: DC~8GHz
 Impedance: 50Ω
 Average Power: 50W
 Peak Power*1: 5KW

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

Frequency (GHz)	VSWR (max.)	Insertion Loss (dB, max.)	Phase Adjustment*2 (°)
DC~1	1.2	0.3	0~45
DC~2	1.3	0.5	0~90
DC~4	1.4	0.75	0~180
DC~6	1.5	1	0~270
DC~8	1.5	1.25	0~360

[2] Phase shift varies linearly corresponding to the frequency. For example, if the maximum phase shift is 360°@8GHz, the maximum phase shift is 180°@4GHz.

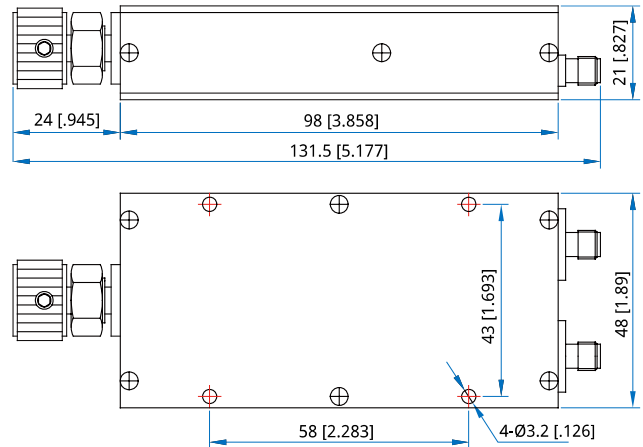
Mechanical

Size: 131.5*48*21mm
 5.177*1.89*0.827in
 Weight: 200g
 RF Connectors: SMA Female
 Outer Conductor: Gold plated brass
 Male Inner Conductor: Gold plated brass
 Female Inner Conductor: Gold plated beryllium copper
 Housing: Aluminum

Environmental

Operating Temperature: -10~+50°C
 Non-operating Temperature: -40~+70°C

Outline Drawings



Unit: mm [in]
 Tolerance: ±0.2mm [±0.008in]

How To Order

NMPS45-X-Y
 X: Frequency in GHz
 Y: Connector type

Connector naming rules:
 S - SMA

Examples:

To order a phase shifter, DC~6GHz, SMA male to SMA female, specify NMPS45-6-S.

Customization is available upon request.