

NMPS60

60°/GHz

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

- Applications:
- * Laboratory Test
 - * Transmitter
 - * Instrumentation
 - * Wireless

Electrical

Frequency: DC~8GHz
 Impedance: 50Ω
 Average Power: 100W
 Peak Power*1: 5KW

[1] Pulse width: 5us, duty cycle: 2%.

Frequency (GHz)	VSWR (max.)	Insertion Loss (dB, max.)	Phase Adjustment*2 (°)
DC~1	1.2	0.3	0~60
DC~2	1.3	0.5	0~120
DC~3	1.4	0.8	0~180
DC~4	1.4	1.0	0~240
DC~6	1.5	1.0	0~360
DC~8	1.5	1.25	0~480

[2] Phase shift varies linearly corresponding to the frequency. For example, if the maximum phase shift is 360°@6GHz, the maximum phase shift is 180°@3GHz.

Mechanical

Size*3: 200*76*30.5mm
 7.874*2.992*1.201in

Size*4: 205*76*50.5mm
 8.071*2.992*1.988in

Weight: 490g

RF Connectors: N Female, SMA Female

Outer Conductor: Gold Plated Brass

Inner Conductor: Gold Plated Beryllium Bronze

Housing Material: Aluminum

[3] Analog.

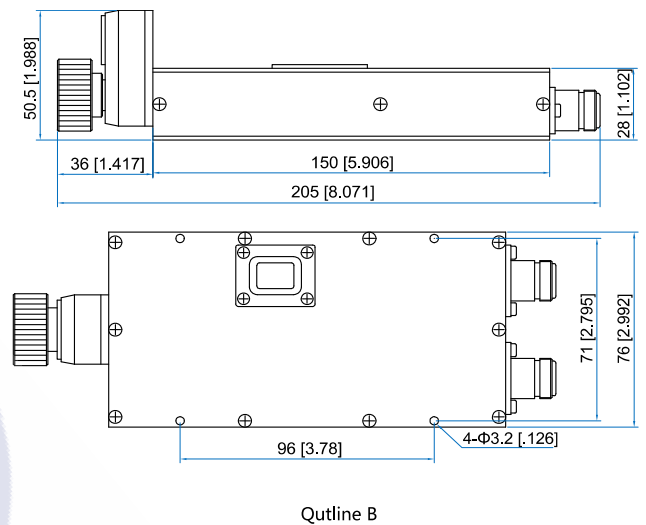
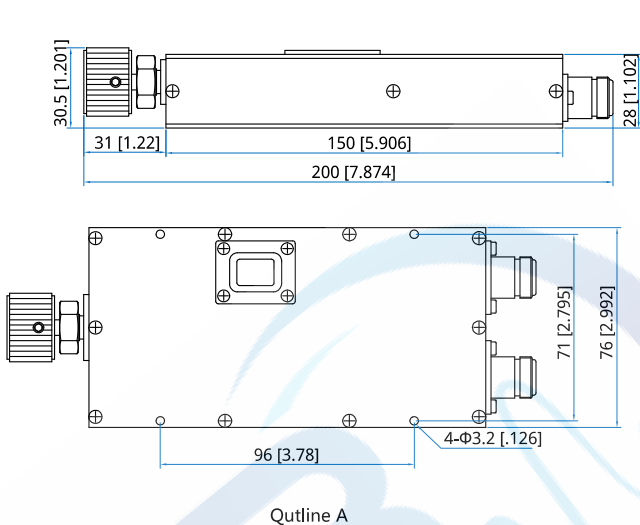
[4] Digital.

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

NMPS60-X-Y-Z
 X: Frequency in GHz
 Y: Connector type
 Z: Display

Examples:

To order a digital phase shifter, DC~ 4GHz, N female to N female, specify NMPS60-4-N-D.

Customization is available upon request.

Connector naming rules:

S - SMA

N - N

Display naming rules:

A - Analog (Outline A)

D - Digital (Outline B)