

NMPS6018

60°/GHz

Features:

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

Applications:

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

Electrical

Frequency range:	DC to 18 GHz
Phase Adjustment:	60 deg/GHz
Insertion Loss:	Max. 1.5 dB
VSWR:	Max 1.25
Delay Time:	169ps
Input Power CW:	100W
Input Power Peak:	3 kW
Impedance:	50 Ω

[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.

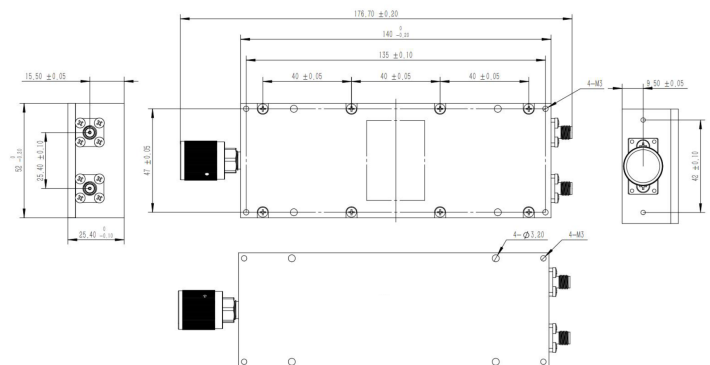
Environmental

Operating Temperature:	-40 +85
Non-operating Temperature:	-55 +125
Relative humidity:	95%
Altitude:	40000 feet
Shock / Vibration(MIL-STD-810F):	25g rms (15 degree 2KHz) endurance, 1 h per axis
Shock(non operating):	20G for 11msc half sin wave, 3 axis both directions

Mechanical

Size:	176.7*52*25.4mm
Weight:	490g
RF Connectors:	N Female, SMA Female
Outer Conductor:	Gold Plated Brass
Inner Conductor:	Gold Plated Beryllium Bronze
Housing Material:	Aluminum

Outline Drawings



Unit: mm [in]

Tolerance: ±0.2mm [±0.008in]

HowTo Order

NMPS6018-X-Y

X: Frequency in GHz

Y: Connector type

Connector naming rules:

S - SMA

N - N

Examples:

To order a digital phase shifter, DC~4GHz, N female to N female, specify NMPS6018-4-N.

Customization is available upon request.