

QMPS90

90°/GHz

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

Applications:
 * Laboratory Test
 * Transmitter
 * Instrumentation
 * Wireless

Electrical

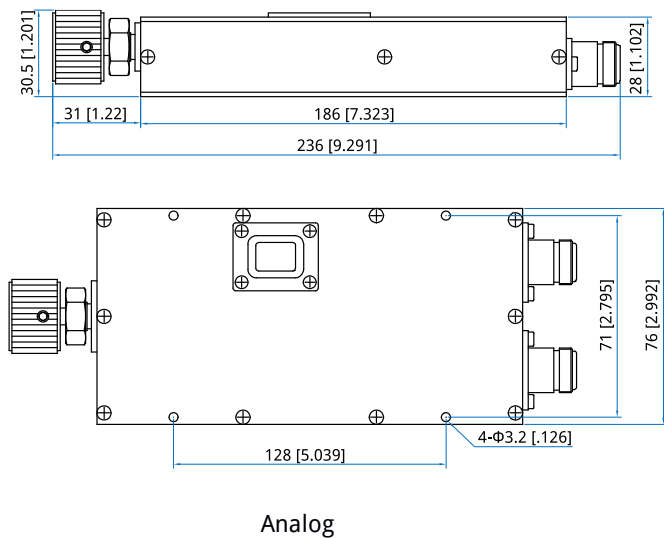
Frequency: DC~8GHz
 Impedance: 50Ω
 Average Power: 100W
 Peak Power*1: 5KW

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

Frequency (GHz)	VSWR (max.)	Insertion Loss (dB, max.)	Phase Adjustment*2 (°)
DC~1	1.2	0.5	0~90
DC~2	1.3	0.8	0~180
DC~3	1.4	1.2	0~270
DC~4	1.4	1.2	0~360
DC~6	1.5	1.4	0~540
DC~8	1.5	1.5	0~720

[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.

Outline Drawings



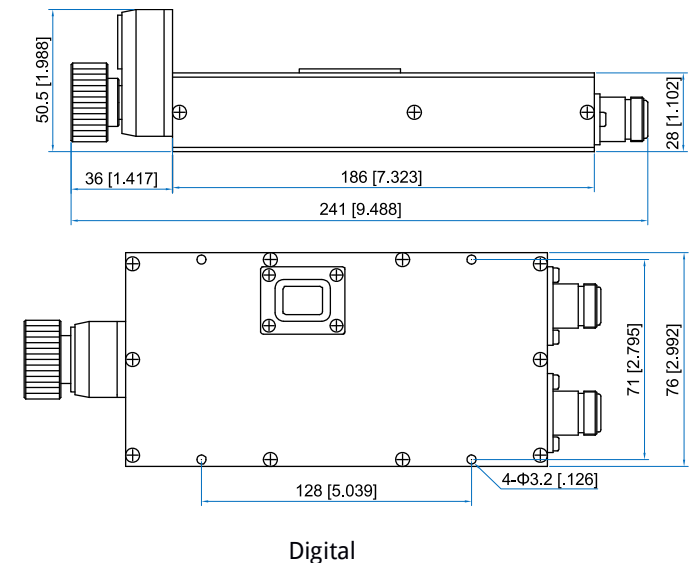
Mechanical

Size*3: 236*76*30.5mm
 9.291*2.992*1.201in
 Size*4: 241*76*50.5mm
 9.488*2.992*1.988in
 Weight: 550g
 RF Connectors: N Female, SMA Female
 Outer Conductor: Nickel 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



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

How To Order**QMPS90-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 QMPS90-4-N-D.

Connector naming rules:

S - SMA

N - N

Display naming rules:

A - Analog

D - Digital