

QDPS-9000-10000-360-6

9~10GHz, 360°, 6Bits

Features:
 * Broadband
 * High Reliable

Applications:
 * Laboratory Test
 * Instrumentation

Electrical

Frequency:	9~10GHz
Insertion Loss:	8dB max.
Spurious:	-60dBc max.
Input Power:	22dBm max.
Phase Range:	360° max.
Control Bits:	6 Bits
Step:	5.625° typ.
Phase Flatness:	±8° max.
On/Off Delay:	100nS max.
VSWR:	2 max.
Voltage/Current:	+5V/0.3A -5V/0.1A
Impedance:	50Ω

Mechanical

Size*1:	48*36*15mm 1.89*1.417*0.591in
Weight:	500g max.
RF Connectors:	SMA Female
Power Supply & Control Connector:	DB-9F
Material:	Aluminum
Mounting:	4-Φ2.6mm through-hole

[1] Exclude connectors.

Environmental

Operating Temperature:	-30~+70°C
Non-operating Temperature:	-40~+85°C

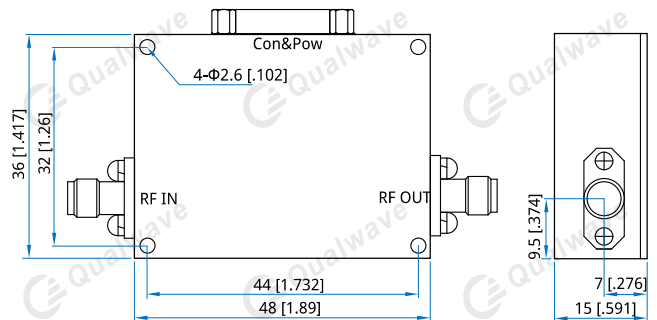
Control True Table

Pin 9	Pin 8	Pin 7	Pin 6	Pin 5	Pin 4	Phase Shift (°)
0	0	0	0	0	0	0
0	0	0	0	0	1	5.6
0	0	0	0	1	0	11.2
0	0	0	1	0	0	22.5
0	0	1	0	0	0	45
0	1	0	0	0	0	90
1	0	0	0	0	0	180
1	1	1	1	1	1	354.4

Pin Numbering

Pin	Function	Pin	Function
1	+5V	3	GND
2	-5V	4-9	Control

Outline Drawings



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

How To Order

QDPS-9000-10000-360-6

Customization is available upon request.