

QDPS-1000-2000-360-6

1~2GHz, 360°, 6Bits

Features:
 * Broadband
 * High Reliable

Applications:
 * Laboratory Test
 * Instrumentation

Electrical

Frequency Range:	1~2GHz
Phase Range:	360° max.
Control Bits:	6 Bits
Step:	5.6° typ.
Insertion Loss:	5.5dB max.
Insertion Loss Temperature Coefficient:	0.003dB/°C typ.
Phase Flatness:	±15° max.
Input VSWR:	2.5 max.
Output VSWR:	2.5 max.
Input Power (P1dB):	27dBm typ.
Input IP3:	50dBm typ.
Impedance:	50Ω
Voltage:	+12V
Current:	200mA typ.

Mechanical

Size*1:	45*43*14mm 1.772*1.693*0.551in
Weight:	60g
RF Connectors:	SMA Female
Control Connector:	MICRO-D15 Female
Material:	Aluminum
Mounting:	4-M3, depth 5mm

[1] Exclude connectors.

Environmental

Operating Temperature:	-45~+85°C
Non-operating Temperature:	-55~+125°C

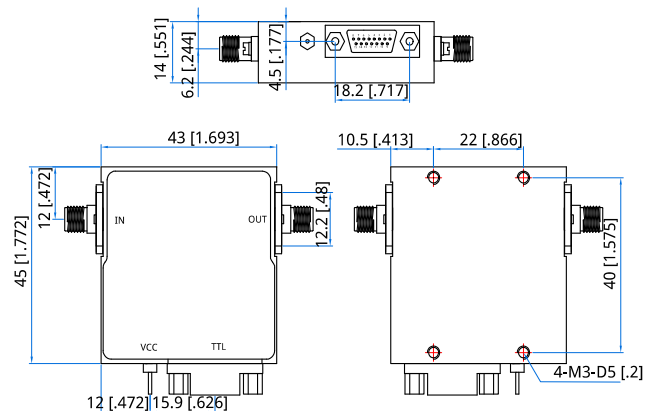
Pin Numbering

Pin	Function	Pin	Function
1~6	Control	15	GND
7~14	NC		

Control True Table

Pin 6	Pin 5	Pin 4	Pin 3	Pin 2	Pin 1	Phase Shift (°)
1	1	1	1	1	1	0
1	1	1	1	1	0	5.6
1	1	1	1	0	1	11.25
1	1	1	0	1	1	22.5
1	1	0	1	1	1	45
1	0	1	1	1	1	90
0	1	1	1	1	1	180
0	0	0	0	0	0	354.3

Outline Drawings



Unit: mm [in]

Tolerance: ±0.2mm [±0.008in]

How To Order

QDPS-1000-2000-360-6

Customization is available upon request.