

# QDI6466H

## High Power, High Isolation

Features:  
 \* High Power  
 \* High Isolation  
 \* Low Insertion Loss  
 \* Low VSWR

Applications:  
 \* Wireless  
 \* Radar  
 \* Laboratory Test

### Description

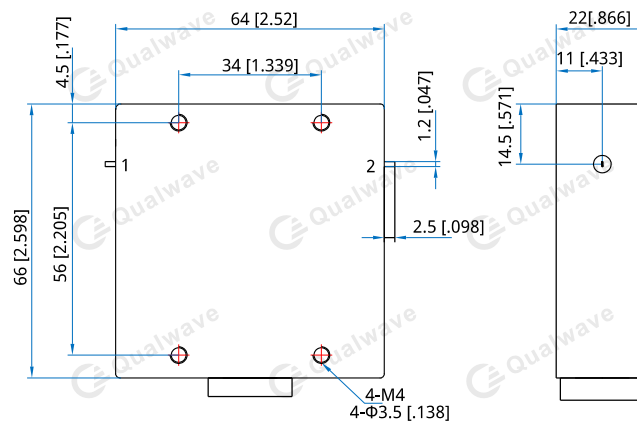
QDI6466H series Drop-In Isolators cover frequency range 20~400MHz. High power, high isolation and low insertion loss make it ideal for a lot of applications like amplifiers, transceivers, etc.

### Specifications

Frequency (MHz)	Bandwidth (MHz)	Insertion Loss (dB Max.)	Isolation (dB Min.)	VSWR (Max.)	Fwd Power (W Max.)	Rev Power (W)	Temperature (°C)
20~30	0	2.0	18.0	1.30	100	10~100	-10~+60
30~80	0	1.20	20.0	1.25	100	10~100	-10~+60
30~80	5	1.80	18.0	1.30	100	10~100	-10~+60
88~108	20	0.60	20.0	1.25	100	10~100	-10~+60
100~140	40	1.20	18.0	1.30	100	10~100	-10~+60
116~138	22	1.20	18.0	1.30	100	10~100	-10~+60
130~180	50	0.60	20.0	1.25	100	10~100	-10~+60
136~174	38	0.60	20.0	1.25	100	10~100	-10~+60
150~170	20	0.60	20.0	1.25	100	10~100	-10~+60
170~230	60	0.60	20.0	1.25	100	10~100	-10~+60
225~400	175	0.80	18.0	1.30	100	10~100	-10~+60

The size of the termination varies according to the reverse power

### Outline Drawings



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

**Mechanical**

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Size*1:	64*66*22mm 2.25*2.598*0.866in
Connector Type:	Strip line
Mounting:	4-Φ3.5mm through-hole 4-M4

[1] Exclude connectors and terminations.

**Direction Naming Rules:**

- 1 - Clockwise
- 2 - Anticlockwise

**How To Order****QDI6466H-V-W-X-Y-Z**

V: Start frequency in MHz  
W: Stop frequency in MHz  
X: Forward Power in W  
Y: Reverse Power in W  
Z: Direction type

**Examples:**

To order a QDI6466H series Isolator, 30~40MHz, Forward power 100W, Reverse power 10W, Clockwise, specify QDI6466H-30-40-K1-10-1.

Customization is available upon request.