QDI1626D

High Power, High Isolation

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

Applications:
* Wireless
* Radar
* Laboratory Test

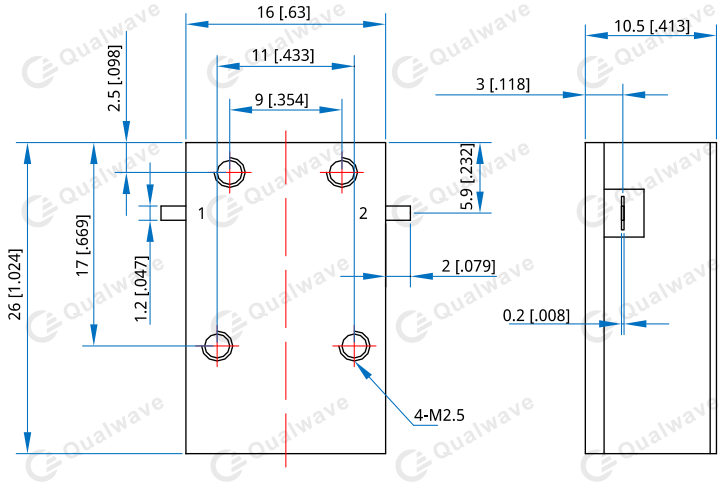
Description

QDI1626D series Drop-In Isolators cover frequency range 3700~5000MHz. 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)
3700~4200	500	0.40	20.0	1.25	100	10	-30~+70
3500~6500	300	0.30	23.0	1.20	100	10	-30~+70
3500~6500	600	0.40	20.0	1.25	100	10	-30~+70
4000~5000	1000	0.50	18.0	1.30	100	10	-30~+70

Outline Drawings



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

Mechanical

Size*1:	16*26*10.5mm
	0.63*1.024*0.413in
Connector Type:	Strip line
Mounting:	4-M2.5

[1] Exclude connectors and terminations.

Direction Naming Rules:

1 - Clockwise
2 - Anticlockwise

Customization is available upon request.

How To Order

QDI1626D-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 QDI1626D series Isolator, 3700~4200MHz, Forward power 100W, Reverse power 10W, Clockwise, specify QDI626D-3700-4200-K1-10-1