

## QHC9-26500-50000-20-2

### 26.5~50GHz, 20W

Features:  
 \* Broadband  
 \* High Power  
 \* Low Insertion Loss

Applications:  
 \* Amplifiers  
 \* Transmitter  
 \* Laboratory Test  
 \* Radar

### Electrical

Frequency:	26.5~50GHz
Insertion Loss <sup>*1</sup> :	2.7dB max.
VSWR:	1.9 max.
Isolation:	12dB min.
Amplitude Balance:	±1dB max.
Phase Balance:	±11° max.
Average Power <sup>*2</sup> :	20W max. CW
Peak Power:	1000W max.
Impedance:	50Ω

[1] Excluding theoretical loss 3.0dB.

[2] The power needs to meet the matching VSWR not exceeding 1.2.

### Mechanical

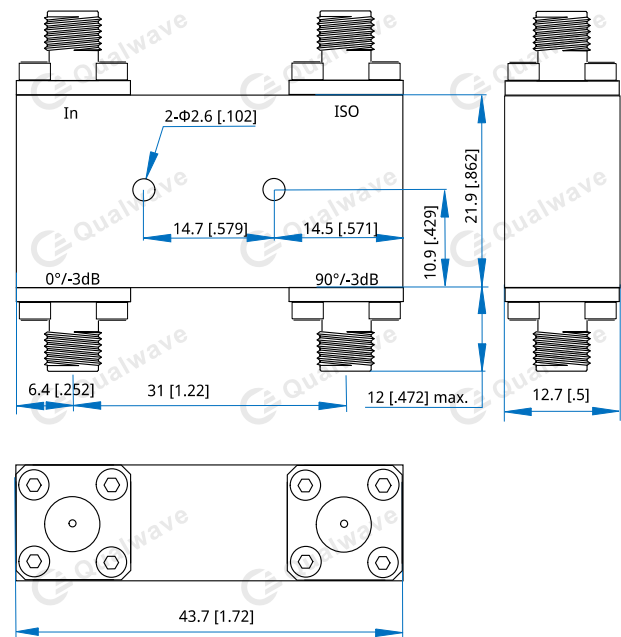
Size <sup>*3</sup> :	43.7*21.9*12.7mm 1.72*0.862*0.5in
Connectors:	2.4mm Female
Mounting:	2-Φ2.6mm through-hole

[3] Exclude connectors.

### Environmental

Operation Temperature:	-55~+85°C
Non-operation Temperature:	-55~+100°C

### Outline Drawings



Unit: mm [in]

Tolerance: x.±1mm [±0.039in], .x±0.5mm [±0.02in], .xx±0.1mm [±0.004in]

### How To Order

**QHC9-26500-50000-20-2**

Customization is available upon request.