

# 90 Degree Hybrid Coupler

# QHC9-2500-8000-30-S

2.5~8GHz, 30W

- Features:
- \* Broadband
- \* High Power
- Applications: \* Amplifiers \* Transmitter
- \* Low Insertion Loss
- \* Transmitter \* Laboratory Test
- \* Radar

# Electrical

Frequency:	2.5~8GHz
Insertion Loss:	0.7dB max.
Isolation:	15dB min.
VSWR:	1.6max.
Amplitude Balance:	±0.6dB max.
Phase Balance:	90°±7° max.
Average Power:	30W
Impedance:	50Ω

#### Mechanical

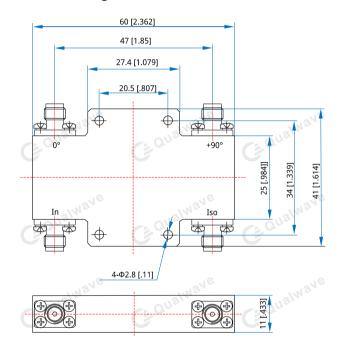
Size <sup>*1</sup> :	60*41*11mm
	2.362*1.614*0.433in
RF Connectors:	SMA female
Mounting:	4-Φ2.8mm through-hole
[1] Exclude connectors.	

### Environmental

Operating Temperature: -4 Non-operating Temperature: -5

-45~+85℃ -50~+90℃

## **Outline Drawings**



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

How To Order QHC9-2500-8000-30-S

Customization is available upon request.