Qualwave

90 Degree Hybrid Coupler

QHC9-2500-8000-30-S

2.5~8GHz, 30W

Features:
* Broadband
* High Power
* Low Insertion Loss

Applications:
* Amplifiers
* 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

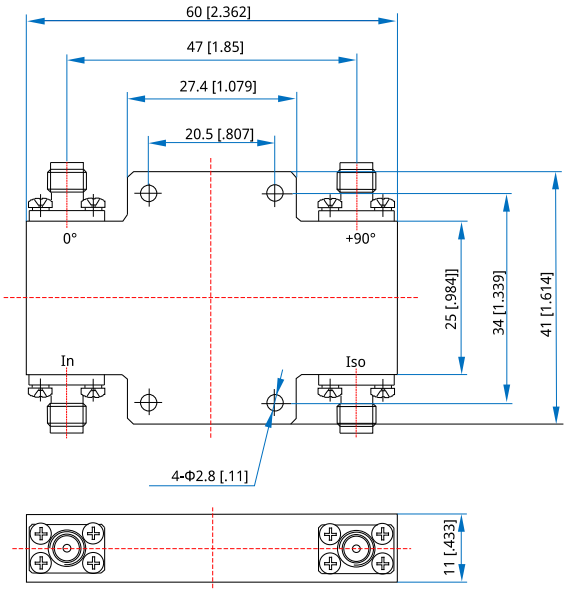
Size*1:	60*41*11mm
	2.362*1.614*0.433in
RF Connectors:	SMA female
Mounting:	4-Φ2.8mm through-hole

[1] Exclude connectors.

Environmental

Operating Temperature:	-45~+85°C
Non-operating Temperature:	-50~+90°C

Outline Drawings



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

How To Order

QHC9-2500-8000-30-S

Customization is available upon request.