

# QUADRATURE RF COUPLER 400 – 1000 MHz

## C-RC-Q5025-400

### Specification

<b>Frequency:</b>	<b>400 – 1000 MHz</b>
<b>Insertion Loss:</b>	<b>&lt; 0.5 dB</b>
<b>VSWR:</b>	<b>&lt; 1.30:1</b>
<b>Isolation:</b>	<b>&gt; 20dB</b>
<b>Amplitude Balance:</b>	<b>± 0.75dB</b>
<b>Phase Balance:</b>	<b>± 3°</b>
<b>Power:</b>	<b>200 WATT</b>
<b>Temperature:</b>	<b>-55°C to 85°C</b>
<b>Size:</b>	<b>40mm X 20mm X 4mm</b>

J<sub>3</sub>: 25Ω

J<sub>4</sub>: 25Ω



J<sub>1</sub>: 50Ω

J<sub>2</sub>: 50Ω

PORT CONFIGURATION				
INPUT	J1	J2	J3	J4
J1, 50 Ohm	-	ISOLATION	-3 dB / 0 DEG	-3 dB / -90 DEG
J2, 50 Ohm	ISOLATION	-	-3 dB / -90 DEG	-3 dB / 0 DEG
J3, 25 Ohm	-3 dB / 0 DEG	-3 dB / -90 DEG	-	ISOLATION
J4, 25 Ohm	-3 dB / -90 DEG	-3 dB / 0 DEG	ISOLATION	-

