



QUADRATURE RF COUPLER 400 – 1000 MHz

C-RC-Q5050-400

Specification

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

J₃: 50Ω

J₄: 50Ω



J₁: 50Ω

J₂: 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, 50 Ohm	-3 dB / 0 DEG	-3 dB / -90 DEG	-	ISOLATION
J4, 50 Ohm	-3 dB / -90 DEG	-3 dB / 0 DEG	ISOLATION	-

