

Engineering Development Model

Power Splitter/Combiner

QCS-ED13415/1

2 Way-90°

Important Note

This model has been designed, built and tested in our engineering department. Performance data represents model capability. At present it is a non-catalog model. On request, we can supply a final specification sheet, part number and price/delivery information.

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CASE STYLE : GE0805C-1

ELECTRICAL SPECIFICATIONS 50Ω @ +25°C

Parameter		Min.	Typ.	Max.	Units
Frequency		1700		3100	MHz
Isolation	1700-3100 MHz		24		dB
Insertion Loss Average of Coupled Outputs above 3.0 dB	1700-3100 MHz		0.50		dB
Phase Unbalance	1700-3100 MHz		3.00		deg.
Amplitude Unbalance	1700-3100 MHz		0.35		dB
VSWR	SUM Port		1.20		(:1)
	OUT Ports		1.20		(:1)

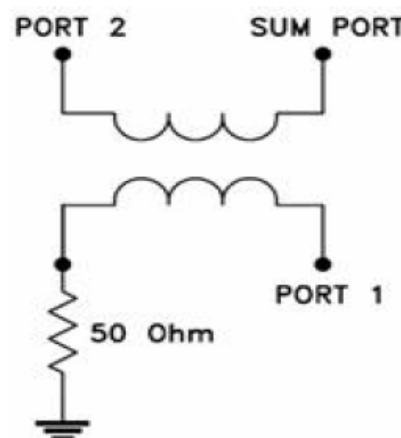
MAXIMUM RATINGS

Operating Temperature	-55°C to 100°C
Storage Temperature	-55°C to 100°C

PIN CONNECTIONS

SUM PORT	1
PORT 1 (0°)	4
PORT 2 (90°)	6
50 TERM. EXTERNAL	3
GND	2,5

Functional Diagram



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IF/RF MICROWAVE COMPONENTS

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