

Engineering Development Model

Power Splitter/Combiner

QCN-ED13193/2

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 : FV1206-1

ELECTRICAL SPECIFICATIONS 50Ω @ +25°C

Parameter		Min.	Typ.	Max.	Units
Frequency		500		1400	MHz
Isolation	500-1400 MHz		18		dB
Insertion Loss Average of Coupled Outputs above 3.0 dB	500-1400 MHz		0.40		dB
Phase Unbalance	500-1400 MHz		1.00		deg.
Amplitude Unbalance	500-1400 MHz		0.65		dB
VSWR	SUM Port		1.35		(:1)
	OUT Ports		1.21		(:1)

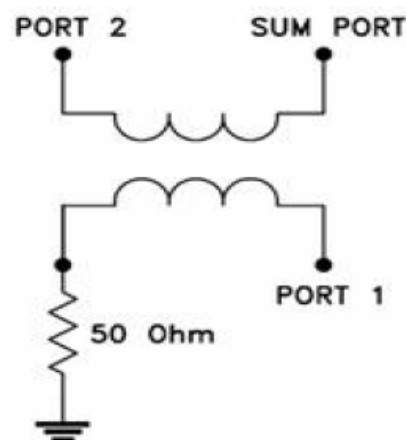
MAXIMUM RATINGS

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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