## Engineering Development Model

# **Power Splitter/Combiner**

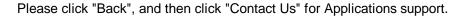
### QCS-ED14039/2

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.





CASE STYLE: GE0805C-1

ELECTRICAL SPECIFICATIONS 50Ω @ +25°C					
Parameter		Min.	Тур.	Max.	Units
Frequency		4000		8000	MHz
Isolation	4000-8000 MHz		16		dB
Insertion Loss Average of Coupled Outputs above 3.0 dB	4000-8000 MHz		0.80		dB
Phase Unbalance	4000-8000 MHz		3.00		deg.
Amplitude Unbalance	4000-8000 MHz		0.90		dB
VSWR	SUM Port		1.30		(:1)
	OUT Ports		1.30		(: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**

