

## Non-Catalog Model

# Power Splitter/Combiner

# PSCQ-2-300

## 2 Way-90°

### Important Note

This is a non-catalog model and can be manufactured on specific request.  
Pricing and delivery information can be supplied upon request.



Please click "Back", and then click "Contact Us" for Applications support.

**CASE STYLE : A01**

ELECTRICAL SPECIFICATIONS 50Ω @ +25°C					
Parameter		Min.	Typ.	Max.	Units
Frequency		220		300	MHz
Isolation	220 - 300 MHz	20	27		dB
Insertion Loss					
Average of Coupled Outputs less 3.0 dB	220 - 300 MHz		0.30	0.70	dB
Phase Unbalance	220 - 300 MHz		0.993	3.000	deg.
Amplitude Unbalance	220 - 300 MHz		0.228	1.300	dB
VSWR	SUM Port		1.10		(:1)
	OUT Ports		1.12		(:1)

**Notes:** Matched power rating: 1 Watt.  
Internal load dissipation: 0.125 Watt.

MAXIMUM RATINGS	
Operating Temperature	-55°C to 85°C
Storage Temperature	-55°C to 100°C

PIN CONNECTIONS	
SUM PORT	1
PORT 1	2
PORT 2	5
GND EXT	3, 4, 7, 8
50Ω TERMINATION	6

### Functional Diagram

