

## Non-Catalog Model

# Power Splitter/Combiner

# PSCQ-2-60

## 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.



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CASE STYLE : A01

ELECTRICAL SPECIFICATIONS 50Ω @ +25°C					
Parameter		Min.	Typ.	Max.	Units
Frequency		30		60	MHz
Isolation	30 - 60 MHz	20	30		dB
Insertion Loss					
Average of Coupled Outputs above 3.0 dB	30 - 60 MHz		0.30	0.70	dB
Phase Unbalance	30 - 60 MHz		0.943	3.000	deg.
Amplitude Unbalance	30 - 60 MHz		0.894	1.500	dB
VSWR	SUM Port		1.06		(:1)
	OUT Ports		1.09		(: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

