

Engineering Development Model

Power Splitter/Combiner

PSCQ-ED12432/1

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 : A01

ELECTRICAL SPECIFICATIONS 50Ω @ +25°C				
Parameter		Min.	Typ.	Max. Units
Frequency		90		185 MHz
Isolation	90 - 185 MHz		24	
Insertion Loss				
Average of Coupled Outputs	90 - 185 MHz		0.25	
above 3.0 dB				
Phase Unbalance	90 - 185 MHz		91.195	
				deg.
Amplitude Unbalance	90 - 185 MHz		0.356	
				dB
VSWR	SUM Port		1.15	
	OUT Ports		1.15	
				(:1)
				(:1)

MAXIMUM RATINGS	
Operating Temperature	-40°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

