

Engineering Development Model

Power Splitter/Combiner

ADPQ-ED13049

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 : CD542

ELECTRICAL SPECIFICATIONS 50Ω @ +25°C				
Parameter		Min.	Typ.	Max. Units
Frequency		100		350 MHz
Isolation	100 - 350 MHz		25	
Insertion Loss				
Average of Coupled Outputs	100 - 350 MHz		0.35	
above 3.0 dB				
Phase Unbalance from 90°	100 - 350 MHz		0.50	
Amplitude Unbalance	100 - 350 MHz		2.50	
VSWR	SUM Port		1.11	
	OUT Ports		1.10	

MAXIMUM RATINGS	
Operating Temperature	-40°C to 85°C
Storage Temperature	-55°C to 100°C

PIN CONNECTIONS	
SUM PORT	6
PORT 1 (0°)	3
PORT 2 (+90°)	1
50Ω TERMINATION	4
GND	2,5

Functional Diagram

