

Engineering Development Model

Power Splitter/Combiner

ADPQ-ED8376/1

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 : CD542

ELECTRICAL SPECIFICATIONS 50Ω @ +25°C				
Parameter		Min.	Typ.	Max. Units
Frequency		150		350 MHz
Isolation	150 - 350 MHz		25	
Insertion Loss				
Average of Coupled Outputs	150 - 350 MHz		0.21	
above 3.0 dB				
Phase Unbalance	150 - 350 MHz		0.282	
				deg.
Amplitude Unbalance	150 - 350 MHz		1.118	
				dB
VSWR	SUM Port		1.12	
	OUT Ports		1.12	
				(: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	6
PORT 2	3
GND EXT	2, 5
50Ω TERMINATION	4

Functional Diagram

