

Engineering Development Model

Power Splitter/Combiner

ADPQ-ED8187/1

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 : CD637

ELECTRICAL SPECIFICATIONS 50Ω @ +25°C				
Parameter		Min.	Typ.	Max. Units
Frequency		140		280 MHz
Isolation	140 - 280 MHz		23	
Insertion Loss				
Average of Coupled Outputs	140 - 280 MHz		0.25	
above 3.0 dB				
Phase Unbalance	140 - 280 MHz		0.515	
Amplitude Unbalance	140 - 280 MHz		0.664	
VSWR	SUM Port		1.17	(:1)
	OUT Ports		1.18	(:1)

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

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

Functional Diagram

