

Engineering Development Model

Power Splitter/Combiner

2 Way-90°

ADPQ-ED7908/1

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		40		110 MHz
Isolation	40 - 110 MHz		30	dB
Total Loss				
Average of Coupled Outputs	40 - 110 MHz		0.19	dB
above 3.0 dB				
Phase Unbalance	40 - 110 MHz		0.802	deg.
Amplitude Unbalance	40 - 110 MHz		0.923	dB
VSWR	SUM Port		1.05	(:1)
	OUT Ports		1.06	(:1)

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

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

Functional Diagram

