

Engineering Development Model

Power Splitter/Combiner

ADPQ-ED12602/1

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		100		160	MHz
Isolation	100 - 160 MHz		24		dB
Insertion Loss					
Average of Coupled Outputs less 3.0 dB	100 - 160 MHz		0.20		dB
Phase Unbalance	100 - 160 MHz		88.930		deg.
Amplitude Unbalance	100 - 160 MHz		0.733		dB
VSWR	SUM Port		1.10		(:1)
	OUT Ports		1.10		(:1)

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

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

Functional Diagram

