

## Engineering Development Model

# Power Splitter/Combiner

# ADP-ED8204/2

## 2 Way-0°

### 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 : CD636

ELECTRICAL SPECIFICATIONS 75Ω @ +25°C					
Parameter		Min.	Typ.	Max.	Units
Frequency		8.54		1067.69	MHz
Isolation	8.54-85.4 MHz		27		dB
	85.4-533.845 MHz		28		dB
	533.845-1067.69 MHz		29		dB
Insertion Loss Above 3.0 dB	8.54-85.4 MHz		0.56		dB
	85.4-533.845 MHz		0.59		dB
	533.845-1067.69 MHz		0.53		dB
Phase Unbalance	8.54-85.4 MHz		0.026		deg.
	85.4-533.845 MHz		0.144		deg.
	533.845-1067.69 MHz		0.458		deg.
Amplitude Unbalance	8.54-85.4 MHz		0.014		dB
	85.4-533.845 MHz		0.019		dB
	533.845-1067.69 MHz		0.101		dB
VSWR	SUM Port		1.87		(:1)
	OUT Ports		1.84		(: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	3
EXTERNAL 2 pF CAPACITOR	2
GROUND	1
NOT USED	5

### Functional Diagram



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