

Power Splitter/Combiner

ADP-ED9972/1

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 50Ω @ +25°C				
Parameter		Min.	Typ.	Max. Units
Frequency		0.1		1024 MHz
Isolation	0.1 - 1 MHz		20	dB
	1 - 512 MHz		27	dB
	512 - 1024 MHz		25	dB
Insertion Loss Above 3.0 dB	0.1 - 1 MHz		0.25	dB
	1 - 512 MHz		0.30	dB
	512 - 1024 MHz		0.70	dB
Phase Unbalance	0.1 - 1 MHz		0.380	deg.
	1 - 512 MHz		0.095	deg.
	512 - 1024 MHz		0.106	deg.
Amplitude Unbalance	0.1 - 1 MHz		0.026	dB
	1 - 512 MHz		0.007	dB
	512 - 1024 MHz		0.151	dB
VSWR	SUM Port		1.20	(:1)
	OUT Ports		1.15	(: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	4
GND EXT	6
NOT USED	2, 5

Functional Diagram

