

Engineering Development Model

Power Splitter/Combiner

ADP-ED7943/1

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		0.29		879.17	MHz
Isolation	0.29 - 2.9 MHz		30		dB
	2.9 - 439.585 MHz		35		dB
	439.585 - 879.17 MHz		24		dB
Insertion Loss Above 3.0 dB	0.29 - 2.9 MHz		0.36		dB
	2.9 - 439.585 MHz		0.25		dB
	439.585 - 879.17 MHz		0.58		dB
Phase Unbalance	0.29 - 2.9 MHz		0.185		deg.
	2.9 - 439.585 MHz		0.153		deg.
	439.585 - 879.17 MHz		0.271		deg.
Amplitude Unbalance	0.29 - 2.9 MHz		0.004		dB
	2.9 - 439.585 MHz		0.009		dB
	439.585 - 879.17 MHz		0.063		dB
VSWR	SUM Port		1.19		(:1)
	OUT Ports		1.21		(: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	2, 5, 6

Functional Diagram

