

Engineering Development Model

Power Splitter/Combiner

ADP-ED7887/1

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 75Ω @ +25°C					
Parameter		Min.	Typ.	Max.	Units
Frequency		1		1050	MHz
Isolation	1-10 MHz		27		dB
	10-525 MHz		26		dB
	525-1050 MHz		21		dB
Insertion Loss Above 3.0 dB	1-10 MHz		0.42		dB
	10-525 MHz		0.27		dB
	525-1050 MHz		0.61		dB
Phase Unbalance	1-10 MHz		0.020		deg.
	10-525 MHz		0.180		deg.
	525-1050 MHz		1.822		deg.
Amplitude Unbalance	1-10 MHz		0.015		dB
	10-525 MHz		0.010		dB
	525-1050 MHz		0.076		dB
VSWR	SUM Port		1.09		(:1)
	OUT Ports		1.26		(: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 TO GROUND	2
GROUND	1
NOT USED	5

Functional Diagram



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