

Power Splitter/Combiner

ADP-ED8231/1

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		5		250 MHz
Isolation	5 - 50 MHz		30	dB
	50 - 125 MHz		28	dB
	125 - 250 MHz		22	dB
Insertion Loss Above 3.0 dB	5 - 50 MHz		0.42	dB
	50 - 125 MHz		0.39	dB
	125 - 250 MHz		0.47	dB
Phase Unbalance	5 - 50 MHz		0.015	deg.
	50 - 125 MHz		0.010	deg.
	125 - 250 MHz		0.030	deg.
Amplitude Unbalance	5 - 50 MHz		0.010	dB
	50 - 125 MHz		0.016	dB
	125 - 250 MHz		0.021	dB
VSWR	SUM Port		1.17	(:1)
	OUT Ports		1.19	(: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

