

Engineering Development Model

Power Splitter/Combiner

ADP-ED10171/1

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 : CD541

ELECTRICAL SPECIFICATIONS 75Ω @ +25°C					
Parameter		Min.	Typ.	Max.	Units
Frequency		1		908	MHz
Isolation	1-10 MHz		20		dB
	10-454 MHz		30		dB
	454-908 MHz		15		dB
Insertion Loss Above 3.0 dB	1-10 MHz		0.55		dB
	10-454 MHz		0.60		dB
	454-908 MHz		0.80		dB
Phase Unbalance	1-10 MHz		0.018		deg.
	10-454 MHz		0.030		deg.
	454-908 MHz		0.175		deg.
Amplitude Unbalance	1-10 MHz		0.003		dB
	10-454 MHz		0.005		dB
	454-908 MHz		0.033		dB
VSWR	SUM Port		1.95		(:1)
	OUT Ports		1.95		(: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
GROUND	6
NOT USED	2,5

Functional Diagram



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