

Engineering Development Model

Power Splitter/Combiner
2 Way-0°

ADP-ED9774

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		0.55		1400	MHz
Isolation	0.55 - 5.5 MHz		15		dB
	5.5 - 700 MHz		31		dB
	700 - 1400 MHz		30		dB
Total Loss Above 3.0 dB	0.55 - 5.5 MHz		0.28		dB
	5.5 - 700 MHz		0.29		dB
	700 - 1400 MHz		0.83		dB
Phase Unbalance	0.55 - 5.5 MHz		0.013		deg.
	5.5 - 700 MHz		0.436		deg.
	700 - 1400 MHz		1.628		deg.
Amplitude Unbalance	0.55 - 5.5 MHz		0.003		dB
	5.5 - 700 MHz		0.006		dB
	700 - 1400 MHz		0.135		dB
VSWR	SUM Port		1.11		(:1)
	OUT Ports		1.19		(:1)

Note: Denotes 75 ohm model.

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



Notes:
A. Performance and quality attributes and conditions not expressly stated in this specification document are intended to be excluded and do not form a part of this specification document.
B. Electrical specifications and performance data contained in this specification document are based on Mini-Circuit's applicable established test performance criteria and measurement instructions.
C. The parts covered by this specification document are subject to Mini-Circuits standard limited warranty and terms and conditions (collectively, "Standard Terms"); Purchasers of this part are entitled to the rights and benefits contained therein. For a full statement of the Standard Terms and the exclusive rights and remedies thereunder, please visit Mini-Circuits' website at www.minicircuits.com/MCLStore/terms.jsp