

Engineering Development Model

Power Splitter/Combiner

ADP-ED7368/3

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.



Please click "Back", and then click "Contact Us" for Applications support.

CASE STYLE : CD636

ELECTRICAL SPECIFICATIONS 50Ω @ +25°C					
Parameter		Min.	Typ.	Max.	Units
Frequency		4		1200	MHz
Isolation	4-40 MHz		28		dB
	40-600 MHz		25		dB
	600-1200 MHz		22		dB
Insertion Loss Above 3.0 dB	4-40 MHz		0.23		dB
	40-600 MHz		0.28		dB
	600-1200 MHz		0.90		dB
Phase Unbalance	4-40 MHz		0.030		deg.
	40-600 MHz		0.147		deg.
	600-1200 MHz		0.418		deg.
Amplitude Unbalance	4-40 MHz		0.015		dB
	40-600 MHz		0.040		dB
	600-1200 MHz		0.058		dB
VSWR	SUM Port		1.26		(:1)
	OUT Ports		1.29		(: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
Externally connect together & isolate	2 & 5

Functional Diagram



Mini-Circuits®
ISO 9001 ISO 14001 AS 9100 CERTIFIED

P.O. Box 350188, Brooklyn, New York 11235-0000 (718) 934-4500 Fax (718) 332-4851 For detailed performance specs & shopping online see Mini-Circuits web site



The Design Engineers Search Engine Provides ACTUAL Data Instantly From MINICIRCUITS At: www.minicircuits.com

IF/RF MICROWAVE COMPONENTS

minicircuits.com

REV. X2
ADP-ED7368/3
12/15/2008
Page 1 of 1