Engineering Development Model

Power Splitter/Combiner ADP-ED9653/1

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.

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

CASE STYLE : CD636

ELECTRICAL SPECIFICATIONS 75Ω @ +25°C					
Parameter		**Min.**	**Typ.**	**Max.**	**Units**
Frequency		0.5		1740	MHz
Isolation	**0.5 - 5 MHz**		15		dB
	5 - 870 MHz		22		dB
	870 - 1740 MHz		21		dB
Insertion Loss Above 3.0 dB	**0.5 - 5 MHz**		0.27		dB
	5 - 870 MHz		0.30		dB
	870 - 1740 MHz		1.48		dB
Phase Unbalance	**0.5 - 5 MHz**		0.026		deg.
	5 - 870 MHz		0.048		deg.
	870 - 1740 MHz		0.214		deg.
Amplitude Unbalance	**0.5 - 5 MHz**		0.005		dB
	5 - 870 MHz		0.011		dB
	870 - 1740 MHz		0.308		dB
VSWR	**SUM Port**		1.18		(:1)
	OUT Ports		1.31		(: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	6
NOT USED	2, 5

Functional Diagram