

Engineering Development Model

Power Splitter/Combiner

ADP-ED7900/2

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 75Ω @ +25°C				
Parameter		Min.	Typ.	Max. Units
Frequency		30.7		1250 MHz
Isolation	30.7 - 307 MHz		28	dB
	307 - 625 MHz		31	dB
	625 - 1250 MHz		25	dB
Insertion Loss Above 3.0 dB	30.7 - 307 MHz		0.38	dB
	307 - 625 MHz		0.48	dB
	625 - 1250 MHz		0.79	dB
Phase Unbalance	30.7 - 307 MHz		0.120	deg.
	307 - 625 MHz		0.368	deg.
	625 - 1250 MHz		0.285	deg.
Amplitude Unbalance	30.7 - 307 MHz		0.009	dB
	307 - 625 MHz		0.020	dB
	625 - 1250 MHz		0.059	dB
VSWR	SUM Port		1.06	(:1)
	OUT Ports		1.10	(:1)

Note: Denotes 75 Ohm model, for coax connector models 75 Ohm BNC connectors are standard.

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

