

Power Splitter/Combiner

ADP-ED7781/1

3 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 : CJ725

ELECTRICAL SPECIFICATIONS 50Ω @ +25°C				
Parameter		Min.	Typ.	Max. Units
Frequency		0.7		340 MHz
Isolation	0.7 - 7 MHz		39	dB
	7 - 170 MHz		37	dB
	170 - 340 MHz		24	dB
Insertion Loss Above 4.8 dB	0.7 - 7 MHz		0.32	dB
	7 - 170 MHz		0.36	dB
	170 - 340 MHz		0.82	dB
Phase Unbalance	0.7 - 7 MHz		0.034	deg.
	7 - 170 MHz		0.591	deg.
	170 - 340 MHz		2.098	deg.
Amplitude Unbalance	0.7 - 7 MHz		0.010	dB
	7 - 170 MHz		0.008	dB
	170 - 340 MHz		0.079	dB
VSWR	SUM Port		1.15	(:1)
	OUT Ports		1.16	(:1)

MAXIMUM RATINGS	
Operating Temperature	-40°C to 85°C
Storage Temperature	-55°C to 100°C

PIN CONNECTIONS	
SUM PORT	1
PORT 1	8
PORT 2	5
PORT 3	4
GND EXT	2, 3, 6, 7

Functional Diagram

