

Engineering Development Model

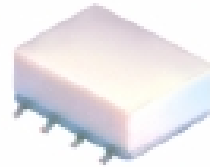
Power Splitter/Combiner

3 Way-0°

AD3PS-ED7781C/1

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		1		400	MHz
Isolation	1 - 10 MHz		34		dB
	10 - 200 MHz		31		dB
	200 - 400 MHz		24		dB
Insertion Loss Above 4.8 dB	1 - 10 MHz		0.40		dB
	10 - 200 MHz		0.42		dB
	200 - 400 MHz		0.85		dB
Phase Unbalance	1 - 10 MHz		0.05		deg.
	10 - 200 MHz		0.75		deg.
	200 - 400 MHz		1.95		deg.
Amplitude Unbalance	1 - 10 MHz		0.01		dB
	10 - 200 MHz		0.05		dB
	200 - 400 MHz		0.43		dB
VSWR	SUM Port		1.23		(:1)
	OUT Ports		1.10		(: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

