

Engineering Development Model

Power Splitter/Combiner

AD3PS-ED11087/1

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 75Ω @ +25°C				
Parameter		Min.	Typ.	Max. Units
Frequency		0.5		380 MHz
Isolation	0.5 - 5 MHz		33	dB
	5 - 190 MHz		28	dB
	190 - 380 MHz		19	dB
Insertion Loss Above 4.8 dB	0.5 - 5 MHz		0.60	dB
	5 - 190 MHz		0.50	dB
	190 - 380 MHz		0.80	dB
Phase Unbalance	0.5 - 5 MHz		0.036	deg.
	5 - 190 MHz		0.281	deg.
	190 - 380 MHz		1.343	deg.
Amplitude Unbalance	0.5 - 5 MHz		0.009	dB
	5 - 190 MHz		0.017	dB
	190 - 380 MHz		0.208	dB
VSWR	SUM Port		1.10	(: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

