

Engineering Development Model

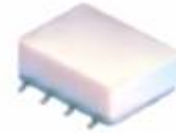
Power Splitter/Combiner

ADQ-ED12461/1

2 Way-90°

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		120		365 MHz
Isolation	120 - 365 MHz		22	
Insertion Loss				
Average of Coupled Outputs	120 - 365 MHz		0.30	
above 3.0 dB				
Phase Unbalance	120 - 365 MHz		90.587	
				deg.
Amplitude Unbalance	120 - 365 MHz		0.858	
				dB
VSWR	SUM Port		1.22	
	OUT Ports		1.22	
				(:1)
				(:1)

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

PIN CONNECTIONS	
SUM PORT	1
PORT 1 (0°)	5
PORT 2 (90°)	8
50Ω TERMINATION	4
GND	2, 3, 6, 7

Functional Diagram

