

Engineering Development Model

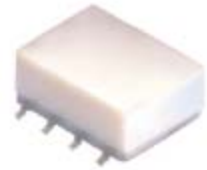
Power Splitter/Combiner

ADQ-ED12470/4

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.



Please click "Back", and then click "Contact Us" for Applications support.

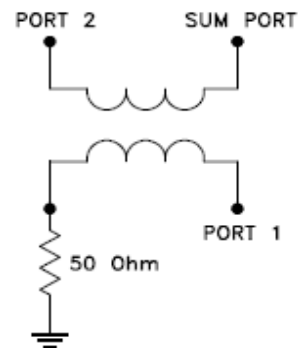
CASE STYLE : CJ725

ELECTRICAL SPECIFICATIONS 50Ω @ +25°C				
Parameter		Min.	Typ.	Max. Units
Frequency		50		400 MHz
Isolation	50-400 MHz		20	dB
Insertion Loss				
Average of Coupled Outputs	50-400 MHz		0.60	dB
above 3.0 dB				
Phase Unbalance	50-400 MHz		2.411	deg.
Amplitude Unbalance	50-400 MHz		0.837	dB
VSWR	SUM Port		1.20	(:1)
	OUT Ports		1.25	(: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

electrical schematic



P.O. Box 350166, Brooklyn, New York 11235-0003 (718) 934-4500 • Fax (718) 332-4661 For detailed performance specs & shopping online see Mini-Circuits web site
The Design Engineers Search Engine Provides ACTUAL Data Instantly From MINI-CIRCUITS At: www.minicircuits.com



REV. X3
ADQ-ED12470/4
8/12/2010
Page 1 of 1