

Engineering Development Model

Power Splitter/Combiner

ADPQ-ED10656

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 : X0

ELECTRICAL SPECIFICATIONS 50Ω @ +25°C					
Parameter		Min.	Typ.	Max.	Units
Frequency		40		100	MHz
Isolation	40 - 100 MHz		21		dB
Insertion Loss					
Average of Coupled Outputs less 3.0 dB	40 - 100 MHz		0.50		dB
Phase Unbalance	40 - 100 MHz		2.054		deg.
Amplitude Unbalance	40 - 100 MHz		1.136		dB
VSWR	SUM Port		1.20		(:1)
	OUT Ports		1.20		(:1)

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

PIN CONNECTIONS	
SUM PORT	1
PORT 1	6
PORT 2	4
GND EXT	2, 5
50Ω TERMINATION	3

Functional Diagram

