

Engineering Development Model

Power Splitter/Combiner

ZB2PD-ED10774/1

2 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 : 99-01-954

ELECTRICAL SPECIFICATIONS 50Ω @ +25°C					
Parameter		Min.	Typ.	Max.	Units
Frequency		0.2		600	MHz
Isolation	0.2 - 2 MHz		30		dB
	2 - 300 MHz		22		dB
	300 - 600 MHz		13		dB
Insertion Loss Above 3.0 dB	0.2 - 2 MHz		0.20		dB
	2 - 300 MHz		0.30		dB
	300 - 600 MHz		0.70		dB
Phase Unbalance	0.2 - 2 MHz		0.020		deg.
	2 - 300 MHz		0.033		deg.
	300 - 600 MHz		0.167		deg.
Amplitude Unbalance	0.2 - 2 MHz		0.002		dB
	2 - 300 MHz		0.005		dB
	300 - 600 MHz		0.044		dB
VSWR	SUM Port		1.40		(: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	2
PORT 2	3

Functional Diagram

