

## Engineering Development Model

# Power Splitter/Combiner    ZB4PD1-ED5458A/1

## 4 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 : UU188**

ELECTRICAL SPECIFICATIONS 50Ω @ +25°C					
Parameter		Min.	Typ.	Max.	Units
<b>Frequency</b>		0.3		900	MHz
<b>Isolation</b>	0.3 - 3 MHz		41		dB
	3 - 450 MHz		35		dB
	450 - 900 MHz		31		dB
<b>Insertion Loss Above 6.0 dB</b>	0.3 - 3 MHz		0.56		dB
	3 - 450 MHz		0.60		dB
	450 - 900 MHz		1.02		dB
<b>Phase Unbalance</b>	0.3 - 3 MHz		0.041		deg.
	3 - 450 MHz		0.319		deg.
	450 - 900 MHz		1.940		deg.
<b>Amplitude Unbalance</b>	0.3 - 3 MHz		0.010		dB
	3 - 450 MHz		0.019		dB
	450 - 900 MHz		0.167		dB
<b>VSWR</b>	SUM Port		1.12		(:1)
	OUT Ports		1.14		(:1)

MAXIMUM RATINGS	
<b>Operating Temperature</b>	-55°C to 100°C
<b>Storage Temperature</b>	-55°C to 100°C

PIN CONNECTIONS	
<b>SUM PORT</b>	S
<b>PORT 1</b>	1
<b>PORT 2</b>	2
<b>PORT 3</b>	3
<b>PORT 4</b>	4

### Functional Diagram

