

Engineering Development Model

Power Splitter/Combiner

2 Way-0°

SYPS-ED13830/1

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 : AH202-2

ELECTRICAL SPECIFICATIONS 50Ω @ +25°C					
Parameter		Min.	Typ.	Max.	Units
Frequency		10		3000	MHz
Isolation	10-100 MHz		24		dB
	100-1500 MHz		21		dB
	1500-3000 MHz		19		dB
Insertion Loss Above 3.0 dB	10-100 MHz		0.50		dB
	100-1500 MHz		0.70		dB
	1500-3000 MHz		1.30		dB
Phase Unbalance	10-100 MHz		0.10		deg.
	100-1500 MHz		0.65		deg.
	1500-3000 MHz		2.25		deg.
Amplitude Unbalance	10-100 MHz		0.01		dB
	100-1500 MHz		0.07		dB
	1500-3000 MHz		0.10		dB
VSWR	SUM Port		1.40		(:1)
	OUT Ports		1.30		(:1)

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

PIN CONNECTIONS	
SUM PORT	8
PORT 1	4
PORT 2	5
GROUND	1,2,3,6,7

electrical schematic

