

Engineering Development Model

Power Splitter/Combiner

2 Way-0°

SYPS-ED12879/2

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.



CASE STYLE : AH202-2

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ELECTRICAL SPECIFICATIONS 50Ω @ +25°C				
Parameter		Min.	Typ.	Max. Units
Frequency		0.3		2900 MHz
Isolation	0.3 - 3 MHz		19	dB
	3 - 1450 MHz		23	dB
	1450 - 2900 MHz		22	dB
Insertion Loss Above 3.0 dB	0.3 - 3 MHz		0.50	dB
	3 - 1450 MHz		0.55	dB
	1450 - 2900 MHz		1.50	dB
Phase Unbalance	0.3 - 3 MHz		0.05	deg.
	3 - 1450 MHz		0.15	deg.
	1450 - 2900 MHz		1.10	deg.
Amplitude Unbalance	0.3 - 3 MHz		0.02	dB
	3 - 1450 MHz		0.01	dB
	1450 - 2900 MHz		0.15	dB
VSWR	SUM Port		1.31	(: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

Functional Diagram

