

Engineering Development Model

Power Splitter/Combiner

2 Way-0°

SYPS-ED12877/3

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 75Ω @ +25°C				
Parameter		Min.	Typ.	Max. Units
Frequency		1		3000 MHz
Isolation	1 - 10 MHz		17	dB
	10 - 1500 MHz		23	dB
	1500 - 3000 MHz		19	dB
Insertion Loss Above 3.0 dB	1 - 10 MHz		0.50	dB
	10 - 1500 MHz		0.60	dB
	1500 - 3000 MHz		1.50	dB
Phase Unbalance	1 - 10 MHz		0.010	deg.
	10 - 1500 MHz		0.444	deg.
	1500 - 3000 MHz		0.713	deg.
Amplitude Unbalance	1 - 10 MHz		0.000	dB
	10 - 1500 MHz		0.044	dB
	1500 - 3000 MHz		0.076	dB
VSWR	SUM Port		1.27	(:1)
	OUT Ports		1.40	(:1)

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

Functional Diagram

