

Non-Catalog Model

Power Splitter/Combiner

SYPQ-113-1

2 Way-90°

Important Note

This is a non-catalog model and can be manufactured on specific request.
Pricing and delivery information can be supplied upon request.



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CASE STYLE : AH202

ELECTRICAL SPECIFICATIONS 50Ω @ +25°C				
Parameter		Min.	Typ.	Max. Units
Frequency		108		118 MHz
Isolation	108 - 118 MHz	20	25	
Insertion Loss				
Average of Coupled Outputs	108 - 118 MHz		0.15	0.40 dB
above 3.0 dB				
Phase Unbalance	108 - 118 MHz		0.034	3.000 deg.
Amplitude Unbalance	108 - 118 MHz		0.186	1.000 dB
VSWR	SUM Port		1.07	(:1)
	OUT Ports		1.07	(:1)

Notes: Matched power rating: 1 Watt.
Internal load dissipation: 0.125 Watt.
Non-hermetic.

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

PIN CONNECTIONS	
SUM PORT	1
PORT 1	5
PORT 2	8
GND EXT	2, 3, 6, 7
50Ω TERMINATION	4

Functional Diagram

