

Non-Catalog Model

Power Splitter/Combiner

SYPQ-21.4

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		20		23	MHz
Isolation	20 - 23 MHz	25	33		dB
Insertion Loss					
Average of Coupled Outputs	20 - 23 MHz		0.10	0.40	dB
above 3.0 dB					
Phase Unbalance	20 - 23 MHz		0.123	3.000	deg.
Amplitude Unbalance	20 - 23 MHz		0.339	1.100	dB
VSWR	SUM Port		1.05		(:1)
	OUT Ports		1.04		(: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

