

Non-Catalog Model

Power Splitter/Combiner

PSC-3-1-75-2

3 Way-0°

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 : A01

ELECTRICAL SPECIFICATIONS 75Ω @ +25°C					
Parameter		Min.	Typ.	Max.	Units
Frequency		10		300	MHz
Isolation	10 - 100 MHz	20	28		dB
	100 - 150 MHz	20	25		dB
	150 - 300 MHz	20	28		dB
Insertion Loss Above 4.8 dB	10 - 100 MHz		0.20	0.40	dB
	100 - 150 MHz		0.30	0.50	dB
	150 - 300 MHz		0.40	0.70	dB
Phase Unbalance	10 - 100 MHz			2.000	deg.
	100 - 150 MHz			3.000	deg.
	150 - 300 MHz			4.000	deg.
Amplitude Unbalance	10 - 100 MHz		0.042	0.150	dB
	100 - 150 MHz		0.090	0.200	dB
	150 - 300 MHz		0.194	0.300	dB
VSWR	SUM Port		1.18		(:1)
	OUT Ports		1.14		(:1)

Notes: Matched power rating: 1 Watt.

Internal load dissipation: 0.375 Watt.

Denotes 75 Ohm model, for coax connector models 75 Ohm BNC connectors are standard.

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

PIN CONNECTIONS	
SUM PORT	1
PORT 1	5
PORT 2	7
PORT 3	8
GND EXT	2, 3, 4, 6
CASE GND	2, 3, 4, 6

Functional Diagram

