

Non-Catalog Model

Power Splitter/Combiner

ZSC-3-2-75

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 : P25

ELECTRICAL SPECIFICATIONS 75Ω @ +25°C					
Parameter		Min.	Typ.	Max.	Units
Frequency		0.02		20	MHz
Isolation	0.02 - 0.2 MHz	30	35		dB
	0.2 - 10 MHz	25	35		dB
	10 - 20 MHz	20	30		dB
Insertion Loss Above 4.8 dB	0.02 - 0.2 MHz		0.20	0.50	dB
	0.2 - 10 MHz		0.25	0.60	dB
	10 - 20 MHz		0.45	0.75	dB
Phase Unbalance	0.02 - 0.2 MHz		0.087	2.000	deg.
	0.2 - 10 MHz		0.065	3.000	deg.
	10 - 20 MHz		0.193	4.000	deg.
Amplitude Unbalance	0.02 - 0.2 MHz		0.004	0.200	dB
	0.2 - 10 MHz		0.000	0.300	dB
	10 - 20 MHz		0.000	0.400	dB
VSWR	SUM Port		1.09		(:1)
	OUT Ports		1.06		(:1)

Notes: Matched power rating: 1 Watt.

At low range frequency band (fL to 10fL), linearly derate maximum input power by 13 dB.

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	S
PORT 1	1
PORT 2	2
PORT 3	3

Functional Diagram

