

Non-Catalog Model

Power Splitter/Combiner

ZFSC-48-1-75

48 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 : HH68

ELECTRICAL SPECIFICATIONS 75Ω @ +25°C					
Parameter		Min.	Typ.	Max.	Units
Frequency		10		300	MHz
Isolation	10 - 100 MHz	25	30		dB
	100 - 150 MHz	20	28		dB
	150 - 300 MHz	20	23		dB
Insertion Loss Above 16.8 dB	10 - 100 MHz		1.20	2.00	dB
	100 - 150 MHz		2.10	2.50	dB
	150 - 300 MHz		2.80	4.00	dB
Phase Unbalance	10 - 100 MHz			0.600	deg.
	100 - 150 MHz			0.700	deg.
	150 - 300 MHz			1.000	deg.
Amplitude Unbalance	10 - 100 MHz		0.249		dB
	100 - 150 MHz		0.332		dB
	150 - 300 MHz		0.397		dB
VSWR	SUM Port		1.25		(:1)
	OUT Ports		1.25		(:1)

Notes: Matched power rating: 1 Watt.

Internal load dissipation: 0.87 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(COM)
PORTS 1, 2, 3, 4 48	1, 2, 3, 4..... 48

Functional Diagram

