DS-117 / 308



Three-Way Power Divider, 1 - 300 MHz

Rev. V3

DS-113 Electrical Specifications¹: $T_A = -55$ °C to +85°C

Parameter	Test Conditions	Frequency	Units	Min	Тур	Max
Insertion Loss	Less Coupling	2 - 200 MHz 1 - 300 MHz	dB dB	_ _	_ _	0.75 1.0
Isolation	_	2 - 200 MHz 1 - 300 MHz	dB dB	30 20		_
Amplitude Balance	-	1 - 300 MHz	dB	_	_	0.25
Phase Balance	_	2 - 200 MHz 1 - 300 MHz	0	_	_	3 4
VSWR	All Ports	2 - 200 MHz 1 - 300 MHz	Ratio Ratio	_	_	1.3:1 1.5:1

^{1.} All specifications apply with 50 ohm source and load impedance.

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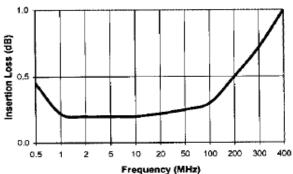
Three-Way Power Divider, 1 - 300 MHz

Rev. V3

Typical Performance Curves

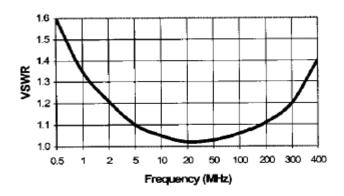
Insertion Loss

Insertion Loss

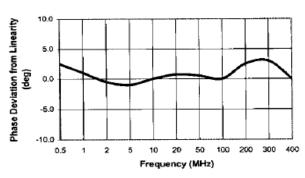


VSWR

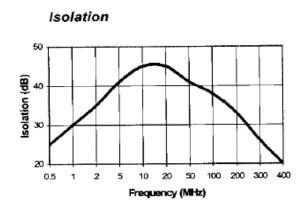
VSWR



Phase Linearity



Isolation



Ordering Information

Part Number	Package
DS-117 PIN	FP-3
DS-308 BNC	C-8
DS-308 N	C-8
DS-308 SMA	C-8

3

Commitment to produce in volume is not guaranteed.

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