

Engineering Development Model

Power Splitter/Combiner

ZFSC-ED12423/1

24 Way-0°

Important Note

This model has been designed, built and tested in our engineering department. Performance data represents model capability. At present it is a non-catalog model. On request, we can supply a final specification sheet, part number and price/delivery information.



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CASE STYLE : R31

ELECTRICAL SPECIFICATIONS 50Ω @ +25°C					
Parameter		Min.	Typ.	Max.	Units
Frequency		16		480	MHz
Isolation	16 - 160 MHz		28		dB
	160 - 240 MHz		30		dB
	240-480 MHz		31		dB
Total Loss Above 13.8 dB	16 - 160 MHz		0.90		dB
	160 - 240 MHz		1.00		dB
	240-480 MHz		1.50		dB
Phase Unbalance	16 - 160 MHz		0.058		deg.
	160 - 240 MHz		0.083		deg.
	240-480 MHz		0.159		deg.
Amplitude Unbalance	16 - 160 MHz		0.100		dB
	160 - 240 MHz		0.150		dB
	240-480 MHz		0.200		dB
VSWR	SUM Port		1.23		(:1)
	OUT Ports		1.11		(:1)

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

Functional Diagram



Notes

A. Performance and quality attributes and conditions not expressly stated in this specification document are intended to be excluded and do not form a part of this specification document.
B. Electrical specifications and performance data contained in this specification document are based on Mini-Circuit's applicable established test performance criteria and measurement instructions.
C. The parts covered by this specification document are subject to Mini-Circuit's standard limited warranty and terms and conditions (collectively, "Standard Terms"). Purchasers of this part are entitled to the rights and benefits contained therein. For a full statement of the Standard Terms and the exclusive rights and remedies thereunder, please visit Mini-Circuit's website at www.minicircuits.com/MCStore/terms.jsp



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Page 1 of 1