

Coaxial

Adapter, SMA-F to SMA-M

50Ω

DC to 18 GHz

SF-SM50+



CASE STYLE: DJ836

Maximum Ratings

Operating Temperature -55°C to 100°C

Storage Temperature -55°C to 100°C

Permanent damage may occur if any of these limits are exceeded.

Features

- flat response
- excellent VSWR, 1.05:1 typ. up to 12.4 GHz and 1.15:1 typ. up to 18 GHz
- low cost adapters, available from stock
- rugged stainless steel body

Applications

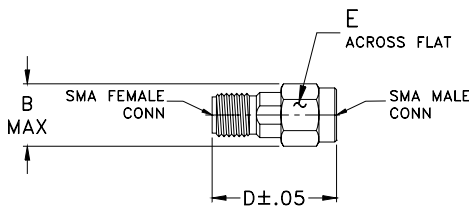
- connector saver
- cable extender

Connectors	Model	Price	Qty.
Conn1 SMA-F	Conn2 SMA-M	SF-SM50+	\$8.95 ea. (1-49)

+RoHS Compliant

The +Suffix identifies RoHS Compliance. See our web site for RoHS Compliance methodologies and qualifications

Outline Drawing



Outline Dimensions (inch/mm)

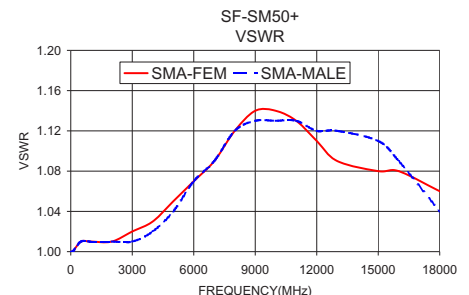
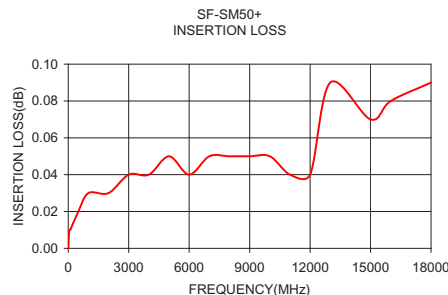
A	B	C	D	E	wt
--	.36	--	0.72	.312	grams
--	9.14	--	18.29	7.92	3.2

Electrical Specifications T_{AMB}=25°C

FREQUENCY (GHz)	INSERTION LOSS (dB)	VSWR (:1) Max.		
		DC-8 GHz	DC-12.4 GHz	DC-18 GHz
f _L -f _U	Typ.			
DC-18	0.1	1.15	1.28	1.30

Typical Performance Data

Frequency (MHz)	Insertion Loss (dB)	VSWR (:1)	
		SMA-F	SMA-M
10.00	0.00	1.00	1.00
50.00	0.01	1.00	1.00
100.00	0.01	1.00	1.00
500.00	0.02	1.01	1.01
1000.00	0.03	1.01	1.01
2000.00	0.03	1.01	1.01
3000.00	0.04	1.02	1.01
4000.00	0.04	1.03	1.02
5000.00	0.05	1.05	1.04
6000.00	0.04	1.07	1.07
7000.00	0.05	1.09	1.09
8000.00	0.05	1.12	1.12
9000.00	0.05	1.14	1.13
10000.00	0.05	1.14	1.13
11000.00	0.04	1.13	1.13
12000.00	0.04	1.11	1.12
13000.00	0.09	1.09	1.12
15000.00	0.07	1.08	1.11
16000.00	0.08	1.08	1.09
18000.00	0.09	1.06	1.04



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-Circuits 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-Circuits' website at www.minicircuits.com/MCLStore/terms.jsp



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