Coaxial

Adapter, N-MALE to SMA-M

NM-SM50+

50Ω DC to 18 GHz

Generic photo used for illustration purposes only

CASE STYLE: DJ824

Connectors		Model
Conn1	**Conn2**	
N-MALE	**SMA-M**	NM-SM50+

+RoHS Compliant

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

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.

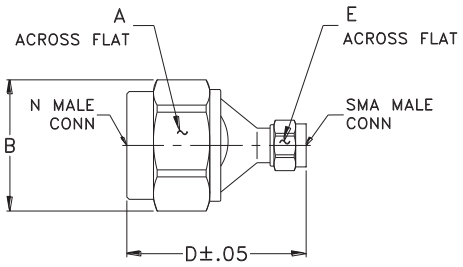
Features

- flat response
- excellent VSWR
- passivated stainless steel
- low cost adapters, available from stock

Applications

- interconnection of RF cables and equipment

Outline Drawing



Outline Dimensions (inch / mm)

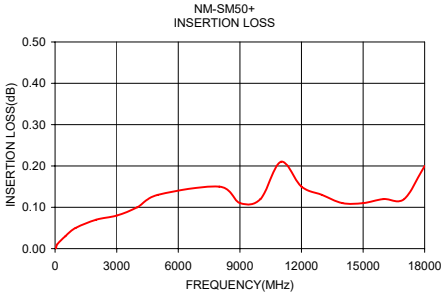
A	B	C	D	E	wt
.827	.854	--	1.28	.312	grams
21.0	21.7	--	32.51	7.92	34.6

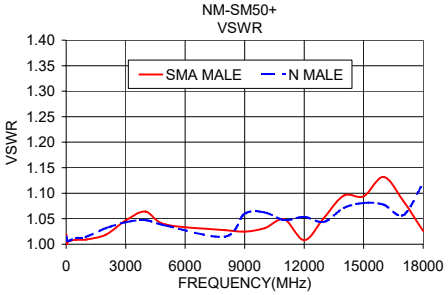
Electrical Specifications T_{AMB}=25°C

FREQUENCY (GHz)	INSERTION LOSS (dB)	VSWR (:1) Max.		
f_L-f_U	Typ.	DC-8 GHz	DC-12.4 GHz	DC-18 GHz
DC-18	0.15	1.15	1.20	1.30

Typical Performance Data

Frequency (MHz)	Insertion Loss (dB)	VSWR (:1)	
		N-MALE	SMA-M
10.00	0.00	1.02	1.02
50.00	0.00	1.01	1.00
100.00	0.01	1.01	1.01
500.00	0.03	1.01	1.01
1000.00	0.05	1.01	1.01
2000.00	0.07	1.03	1.02
3000.00	0.08	1.04	1.05
4000.00	0.10	1.05	1.06
5000.00	0.13	1.04	1.04
8000.00	0.15	1.01	1.03
9000.00	0.11	1.06	1.02
10000.00	0.12	1.06	1.03
11000.00	0.21	1.05	1.05
12000.00	0.15	1.05	1.01
13000.00	0.13	1.04	1.05
14000.00	0.11	1.07	1.10
15000.00	0.11	1.08	1.09
16000.00	0.12	1.08	1.13
17000.00	0.12	1.06	1.09
18000.00	0.20	1.12	1.03





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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