

Coaxial

Adapter, N-F to SMA-M

50Ω

DC to 18 GHz

NF-SM50+



CASE STYLE: DJ826

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

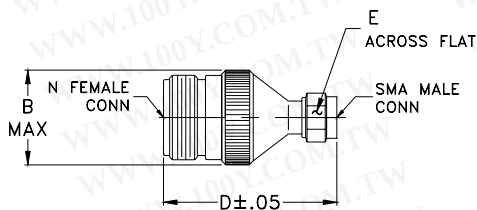
- interconnection of RF cables and equipment

Connectors	Model
Conn1 N-F	Conn2 SMA-M NF-SM50+

+ RoHS compliant in accordance with EU Directive (2002/95/EC)

The +Suffix has been added in order to identify RoHS Compliance. See our web site for RoHS Compliance methodologies and qualifications.

Outline Drawing



Outline Dimensions (inch/mm)

A	B	C	D	E	wt
--	.70	--	1.28	.312	grams
--	17.78	--	32.51	7.92	27.4

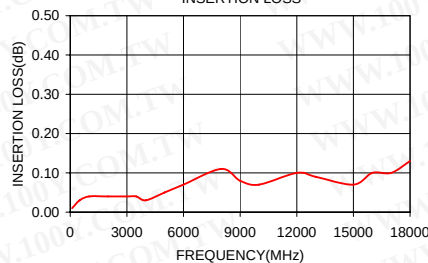
Electrical Specifications T_{AMB} = 25°C

FREQUENCY (GHz)	INSERTION LOSS (dB)	VSWR (:1) Max.		
f _L -f _H	Typ.	DC-8 GHz	DC-12.4 GHz	DC-18 GHz
DC-18	0.1	1.15	1.20	1.25

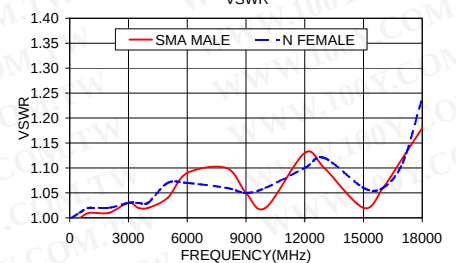
Typical Performance Data

Frequency (MHz)	Insertion Loss (dB)	VSWR (:1)	
		N-F	SMA-M
10.00	0.01	1.00	1.00
50.00	0.01	1.00	1.00
100.00	0.01	1.00	1.00
500.00	0.03	1.01	1.00
1000.00	0.04	1.02	1.01
2000.00	0.04	1.02	1.01
3000.00	0.04	1.03	1.03
3500.00	0.04	1.03	1.02
4000.00	0.03	1.03	1.02
5000.00	0.05	1.07	1.04
6000.00	0.07	1.07	1.09
8000.00	0.11	1.06	1.10
9000.00	0.08	1.05	1.05
10000.00	0.07	1.06	1.02
12000.00	0.10	1.10	1.13
13000.00	0.09	1.12	1.10
15000.00	0.07	1.06	1.02
16000.00	0.10	1.06	1.06
17000.00	0.10	1.11	1.12
18000.00	0.13	1.24	1.18

NF-SM50+
INSERTION LOSS



NF-SM50+
VSWR



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