

Adapter, N-FEM to N-FEM

50Ω DC to 6 GHz

NF-NF50+

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

- excellent VSWR, 1.05:1 typ.
- low insertion loss, 0.03 dB typ.
- tri metal finish

Applications

- interconnection of RF cables and equipment
- connector saver



Generic photo used for illustration purposes only

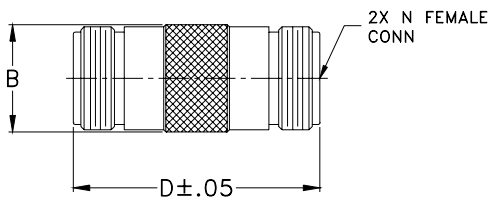
CASE STYLE: DJ1092

Connectors		Model
Conn1	Conn2	
N-FEM	N-FEM	NF-NF50+

+RoHS Compliant

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

Outline Drawing



Outline Dimensions (inch/mm)

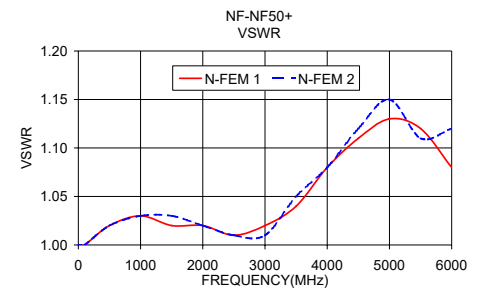
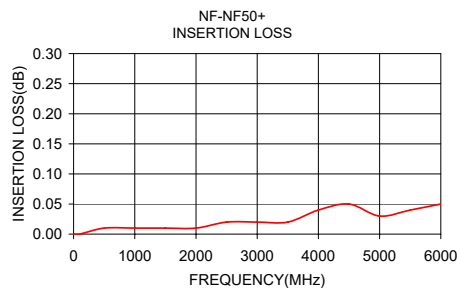
A	B	C	D	E	wt
--	.65	--	1.50	--	grams
--	16.5	--	38.00	--	37.2

Electrical Specifications T_{AMB}=25°C

FREQUENCY (GHz)	INSERTION LOSS (dB)		VSWR (:1) Max.		
	Typ.	Max.	DC-2 GHz	DC-4 GHz	DC-6 GHz
f _L -f _U					
DC-6	0.05	0.10	1.10	1.20	1.20

Typical Performance Data

Frequency (MHz)	Insertion Loss (dB)	VSWR (:1)	
		N-FEM	N-FEM
0.50	0.00	1.00	1.00
10.00	0.00	1.00	1.00
100.00	0.00	1.00	1.00
500.00	0.01	1.02	1.02
1000.00	0.01	1.03	1.03
1500.00	0.01	1.02	1.03
2000.00	0.01	1.02	1.02
2500.00	0.02	1.01	1.01
3000.00	0.02	1.02	1.01
3500.00	0.02	1.04	1.05
4000.00	0.04	1.08	1.08
4500.00	0.05	1.11	1.12
5000.00	0.03	1.13	1.15
5500.00	0.04	1.12	1.11
6000.00	0.05	1.08	1.12



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/WCLStore/terms.jsp



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