Coaxial

Adapter, SMA-F to SMA-F

SF-SF50+

50Ω DC to 18 GHz

Maximum Ratings

Operating Temperature	-55°C to 100°C
Storage Temperature	-55°C to 100°C

Features

- flat response
- excellent VSWR, 1.10:1 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, gold plated

Applications

- interconnection of RF cables and equipment

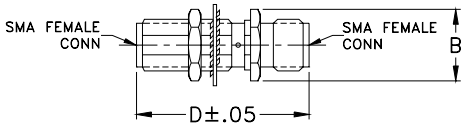
CASE STYLE: DJ952

Connectors		Model	Price	Qty.
Conn1	**Conn2**			
SMA-F	**SMA-F**	SF-SF50+	$4.95 ea.	(1-24)

+ 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)

B	D	F	G	H	J	K	wt
.36	.87	.312	.230	.050	.575	.312	grams
9.14	22.10	7.92	5.84	1.27	14.61	7.92	3.6

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	0.1	1.15	1.25	1.40

Typical Performance Data

Frequency (MHz)	Insertion Loss (dB)	VSWR (:1)	
		SMA-F	SMA-F
10.00	0.01	1.01	1.00
50.00	0.01	1.00	1.00
100.00	0.01	1.01	1.01
500.00	0.04	1.01	1.01
1000.00	0.05	1.01	1.01
2000.00	0.06	1.01	1.01
3000.00	0.07	1.01	1.00
4000.00	0.08	1.03	1.03
5000.00	0.09	1.07	1.06
6000.00	0.09	1.09	1.08
7000.00	0.09	1.09	1.08
8000.00	0.09	1.07	1.05
9000.00	0.09	1.07	1.06
10000.00	0.11	1.11	1.12
11000.00	0.12	1.16	1.18
12000.00	0.13	1.19	1.20
13000.00	0.13	1.15	1.18
15000.00	0.12	1.08	1.09
17000.00	0.20	1.29	1.29
18000.00	0.24	1.34	1.35