

Coaxial

Adapter, SMA-M to SMA-M

50Ω

DC to 18 GHz

SM-SM50+



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, 1.10:1 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: DJ951

Connectors

Model

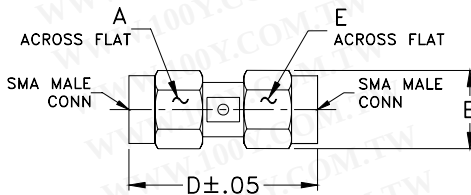
Conn1
SMA-MConn2
SMA-M

SM-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
.312	.36	--	.87	.312	grams
7.92	9.14	--	22.10	7.92	4.8

勝特力材料 886-3-5753170
 勝特力电子(上海) 86-21-34970699
 勝特力电子(深圳) 86-755-83298787
[Http://www.100y.com.tw](http://www.100y.com.tw)

Electrical Specifications $T_{AMB}=25^{\circ}\text{C}$

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	0.05	1.12	1.30	1.40

Typical Performance Data

Frequency (MHz)	Insertion Loss (dB)	VSWR (:1)	
		SMA-M	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	1.01
1000.00	0.05	1.01	1.01
2000.00	0.05	1.02	1.02
3000.00	0.05	1.03	1.03
4000.00	0.06	1.03	1.04
5000.00	0.06	1.03	1.04
6000.00	0.07	1.03	1.05
7000.00	0.08	1.03	1.03
8000.00	0.08	1.03	1.03
9000.00	0.08	1.05	1.07
10000.00	0.10	1.10	1.12
11000.00	0.14	1.13	1.17
12000.00	0.14	1.14	1.19
13000.00	0.16	1.13	1.17
14000.00	0.16	1.13	1.13
16000.00	0.14	1.05	1.07
18000.00	0.21	1.08	1.14

