



**Electrical Characteristics**

Nominal Impedance: 50 ohms  
 Frequency Range: DC to 18 GHz  
 Operating Voltage (rms): 500 V maximum at sea level  
 Dielectric Withstand Voltage (rms): 1000 V maximum at sea level  
 Contact Resistance: 2.0 milliohms maximum  
 Insulation Resistance: 5000 megohms minimum

**Mechanical Characteristics**

Mating Cycles: 500 cycles minimum  
 Interface Dimensions: Conform to MIL-C-39012

**Environmental Characteristics**

Temperature Range: -65 °C to +165 °C

	PART	DESCRIPTION
1	Body	Brass, nickel plated
2	Dielectric	PTFE
3	Contact	Phosphor Bronze, gold plated

Dimensional Update	JT	3	03 June 10
CAD Issue	SN	2	07 Nov 02
First Issue	DJH	1	18 May 98
DESCRIPTION OF REVISION	APPVD	ISS	DATE



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SCALE: Not To Scale

DIMENSIONS: mm

TOLERANCES:  
 ± 0.2mm unless  
 otherwise stated

DRAWN BY:

S Nash

CHECKED BY:

P Couzens

APPROVED BY:

P Couzens

DATE:

07 Nov 02

TITLE:

SMA Jack to Jack Adaptor

PART NUMBER:

VSA90-1

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