



Electrical Characteristics

Nominal Impedance:	50 ohms
Frequency Range:	DC to 4 GHz
VSWR:	1.3:1 maximum
Insertion Loss:	0.2 dB at 3 GHz
Operating Voltage (rms):	500 V maximum at sea level
Dielectric Withstand Voltage (rms):	1500 V maximum at sea level
Contact Resistance:	3.0 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
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PART	DESCRIPTION
1	Body Brass, nickel plated
2	Dielectric PTFE
3	Dielectric PTFE
4	Contacts Brass, gold plated

Updated dimensions	AT	3	22 Apr 05
CAD Issue	SN	2	09 Aug 02
First Issue	AT	1	04 Apr 97
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:	A Tusi
APPROVED BY:	A Herbert
DATE:	09 Aug 02

TITLE:
BNC Jack to SMA Jack

PART NUMBER:
VA516

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