



**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	Beryllium Copper, gold plated

CAD Issue	SN	2	20 Dec 01
First Issue	SN	1	23 April 01
DESCRIPTION OF REVISION	APPVD	ISS	DATE



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SCALE: Not To Scale	DRAWN BY:	S Nash
DIMENSIONS: mm	CHECKED BY:	P Couzens
TOLERANCES: ± 0.2mm unless otherwise stated	APPROVED BY:	M Nielsen
	DATE:	20 Dec 01

TITLE:  
**BNC Plug to SMA Jack**

PART NUMBER:  
**VA515**

PAGE: 1 of 1