



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
--------------------	-------------------

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



Cinch Connectivity Solutions
7-13 Russel Way,
Widford Industrial Estate,
Chelmsford, Essex,
CM1 3AA, UK.
Tel: +44 (0) 1245 359515
Fax: +44 (0) 1245 358938

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

PAGE: 1 of 1