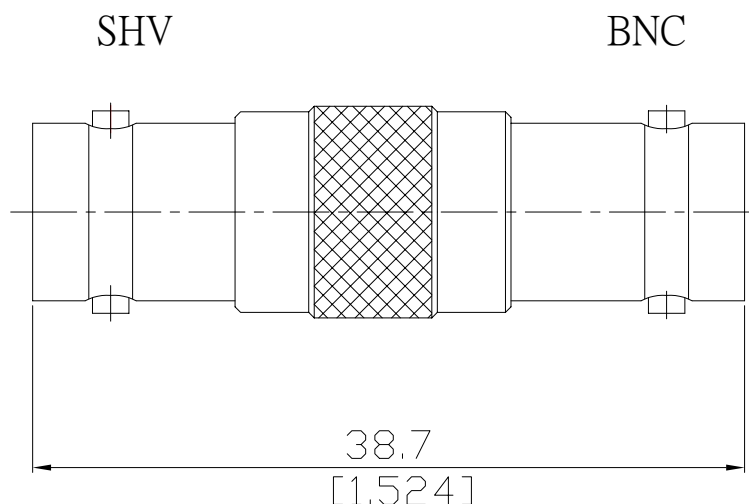


BNC jack (female) to SHV jack (female) Straight  
adaptor DC- 300MHz VSWR1.30

**AD-B2SV25A / H4-H4**



All dimensions are in mm [inch]

Tolerances according to DIN ISO 2768-mH

**Interface**

BNC side according to

IEC 60169-8; MIL-STD-348B/301

SHV side according to

IEC 61169-16; MIL-STD-348B/304

**Electrical Data**

Impedance

50  $\Omega$

Frequency

DC to 300 MHz

VSWR (Return Loss)

$\leq 1.30$  ( $\geq 17.7$  dB)

Center contact resistance

$\leq 1.5$  m $\Omega$ , BNC side;

$\leq 2$  m $\Omega$ , SHV

Outer contact resistance

$\leq 1$  m $\Omega$ , BNC side;

$\leq 1.5$  m $\Omega$ , SHV

Adapter voltage handling

500 V

Operating Voltage

3500 Vrms

**Mechanical Data**

Coupling mechanisms

BNC side

Bayonet-lock

SHV side

Bayonet-lock

Mating cycles

min. 500

min. 500

Center contact captivation

$\geq 28$  N

$\geq 27$  N

**Environmental Data**

Temperature Range

-65°C to +165°C

RoHS

compliant

**Material And Plating**

Piece Parts (BNC)	Material	Plating
Centre contact	Phosphor Bronze	Gold plating, 3 $\mu$ inch (Non-magnetic nickel-phosphorus underplating, 80 $\mu$ inch)
Body	Brass	Copper-Tin-Zinc Alloy
Insulator	PTFE	
Piece Parts (SHV)	Material	Plating
Centre contact	Phosphor Bronze	Gold plating, 3 $\mu$ inch (Non-magnetic nickel-phosphorus underplating, 80 $\mu$ inch)
Body	Brass	Copper-Tin-Zinc Alloy
Insulator	PTFE	

**Packing**

Single or 100