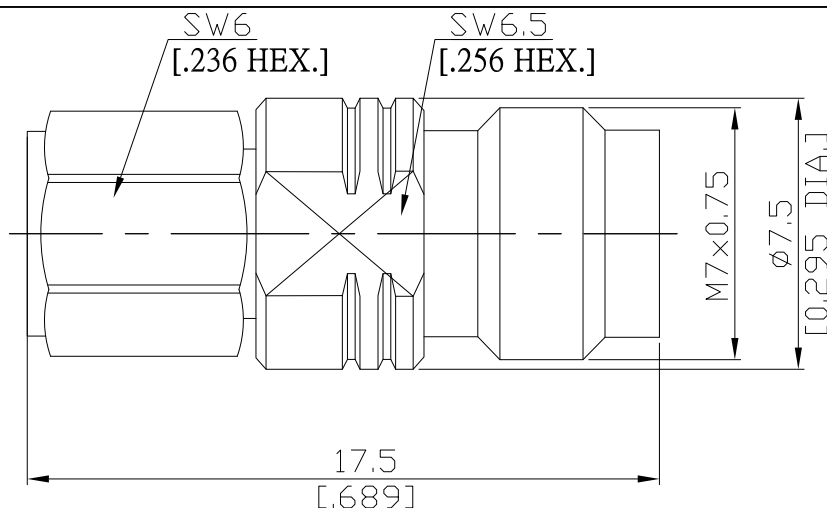


1.00mm Plug (male) / 1.85mm Jack (female) Straight Adaptor DC-67 GHz, VSWR ≤ 1.5

## AD-W1V25A / 9XX-9X



All dimensions are in mm [inch]

Tolerances according to DIN ISO 2768-mH

### Interface

1.00mm according to

IEC 61169-31

1.85mm according to

IEC 61169-32

### Electrical Data

Impedance

50 Ω

Frequency

DC to 67 GHz

VSWR (Return Loss)

≤ 1.5 (≥ 13.98 dB)

Insertion Loss

≤ 0.05 x √F (GHz) dB

### Mechanical Data

Coupling mechanisms

1.00mm side

1.85mm side

Mating cycles

Screw-lock

Screw-lock

Maximum torque

≥ 500

≥ 500

Recommended torque

0.70 Nm

1.65 Nm

Gauge

0.35 Nm

0.90 Nm

0.00 mm to 0.03 mm

0.00 mm to 0.05 mm

### Environmental Data

Temperature Range

-55°C to +165°C

RoHS

compliant

### Material And Plating

#### Piece Parts (1.00mm)

Centre contact

Material

Beryllium Copper

Plating

Gold plating, 3 pinch  
(Non-magnetic nickel-phosphorus underplating, 80 pinch)

Body

Stainless Steel

Passivated

Insulator

PEI

Coupling nut

Stainless Steel

Passivated

#### Piece Parts (1.85mm)

Centre contact

Material

Beryllium Copper

Plating

Gold plating, 3 pinch  
(Non-magnetic nickel-phosphorus underplating, 80 pinch)

Body

Stainless Steel

Passivated

Insulator

PEI

### Packing

Single or 100

The facts and figures herein are carefully compiled to the best of our knowledge, but they are intended for general informational purposes only. In the effort to improve our products, we reserve the right to make changes judged to be necessary.

Rev.:-

Date:  
JUL/16/2021

Rosnol RF/Microwave Technology Co., Ltd.  
www.rosnol.com; info@rosnol.com  
Phone: +886-3-463-5095 / Fax: +886-3-463-5952  
N-CAGE Code: SFKK0 / ISO9001 Certified

Page

1/1