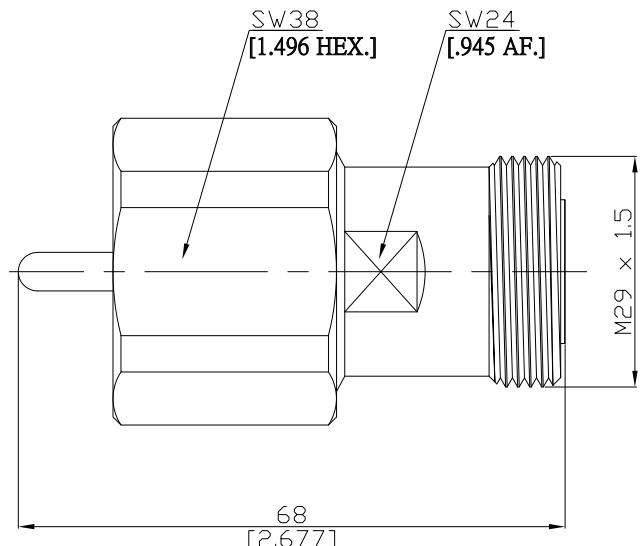


LC plug (male) / 7/16 jack (female)  
Straight Adaptor DC-1 GHz VSWR 1.20

## AD-LC1D25A / H44-H4



All dimensions are in mm [inch]

Tolerances according to DIN ISO 2768-mH

## Interface

LC according to

MIL-STD-348B/315

7/16 according to

IEC 61169-4

## Electrical Data

Impedance

50 Ω

Frequency

DC to 1 GHz

VSWR (Return Loss)

≤ 1.20 (≥ 20.8 dB)

Insertion loss

≤ 0.1 x √F (GHz) dB

## Mechanical Data

Coupling mechanisms

LC side

7/16 side

Mating cycles

Screw-lock

Screw-lock

min. 500

min. 500

## Environmental Data

Temperature Range

-65°C to +165°C

RoHS

compliant

## Material And Plating

## Piece Parts (LC)

## Material

## Plating

Centre contact

Phosphor Bronze

Gold plating, 3 µinch

(Non-magnetic nickel-phosphorus underplating, 80 µinch)

Body

Brass

Copper-Tin-Zinc Alloy

Insulator

PTFE

Gasket

Silicone Rubber

Coupling nut

Brass

Copper-Tin-Zinc Alloy

## Piece Parts (7/16)

## Material

## Plating

Centre contact

Phosphor Bronze

Gold plating, 3 µinch

(Non-magnetic nickel-phosphorus underplating, 80 µinch)

Body

Brass

Copper-Tin-Zinc Alloy

Insulator

PTFE

## Packing

Single or 100