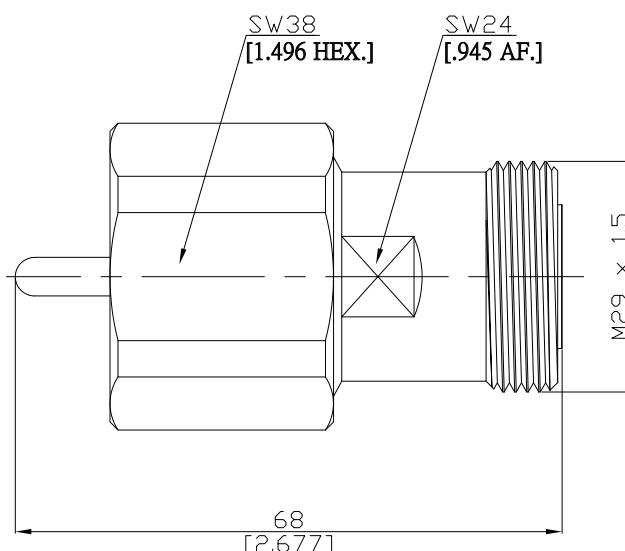


LC plug (male) / 7/16 jack (female)
Straight Adaptor DC-1 GHz VSWR 1.20

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

$\leq 0.1 \times \sqrt{F}$ (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 μ inch (Non-magnetic nickel-phosphorus underplating, 80 μ inch)
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 μ inch (Non-magnetic nickel-phosphorus underplating, 80 μ inch)
Body	Brass	Copper-Tin-Zinc Alloy
Insulator	PTFE	

Packing

Single or 100