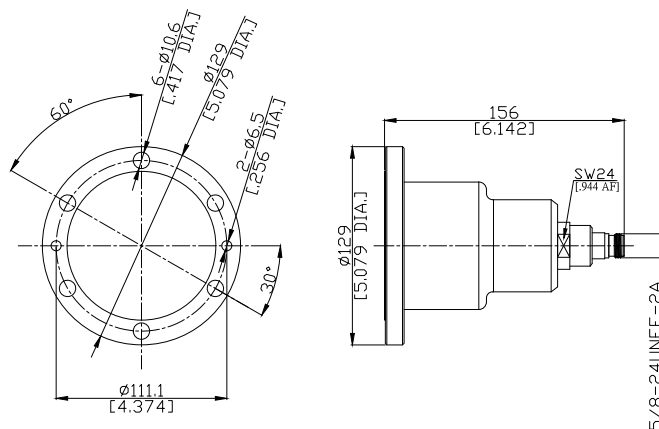




EIA 3 1/8 flange / N Jack Female Straight Adapter
DC-3 GHz VSWR ≤1.07

AD-EIA318N25A / G3-G3



All dimensions are in mm [inch]

Tolerances according to DIN ISO 2768-mH

Interface

According to

EIA 3 1/8" side

IEC 60339-2/IEC60169-16

N side

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

Electrical Data

Impedance

50 Ω

Frequency

DC to 3 GHz

VSWR (Return loss)

≤ 1.07 (≥ 29.4 dB)

Dielectric Withstanding Voltage

≥ 6000 V RMS (50 Hz; @ sea level)

Working Voltage

≤ 1000 V RMS (50 Hz; @ sea level)

Peak Power Maximum

90 KW

Contact Resistance

Center Contact ≤ 1.5 mΩ (EIA side)

≤ 0.25 mΩ (N side)

Outer Contact ≤ 1.5 mΩ (EIA side)

≤ 0.25 mΩ (N side)

Mechanical Data

Mating cycles

EIA 6 1/8" side

≥ 500

N side

≥ 500

Environmental Data

Temperature Range

-45°C to +125°C

IP rating

IP67

RoHS

compliant

Material And Plating

Piece Parts (EIA 3 1/8" flange)*

Piece Parts (EIA 3 1/8" flange)*	Material	Plating
Centre contact	Phosphor bronze	Silver
Body	Brass	Nickel
Insulator	PTFE	
Gasket	Silicone rubber	

Piece Parts (N)*

Piece Parts (N)*	Material	Plating
Centre contact	Phosphor bronze	Silver
Body	Brass	Nickel
Insulator	PTFE	

Packing

Single or 100