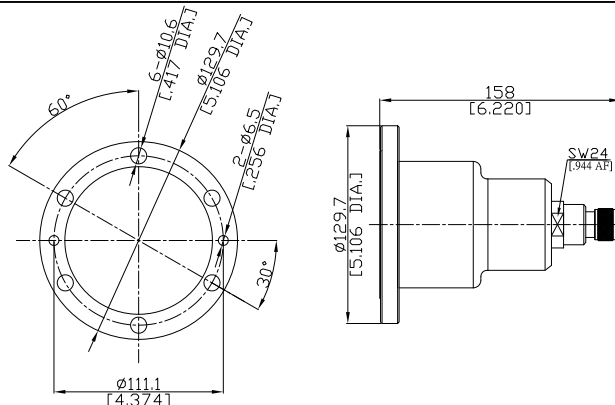


EIA 3 1/8 flange / N Plug Male Straight Adapter
DC-3GHz VSWR ≤1.07

AD-EIA318N15A / G3-G33



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

≥ 6000V RMS (50 Hz; @ sea level)

Working Voltage

≤ 1200V 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)*

Centre contact

Material

Phosphor bronze

Plating

Silver

Body

Brass

Nickel

Insulator

PTFE

Gasket

Silicone rubber

Piece Parts (N)*

Material

Phosphor bronze

Plating

Silver

Body

Brass

Nickel

Insulator

PTFE

Gasket

Silicone rubber

Coupling nut

Brass

Nickel

Packing

Single or 100