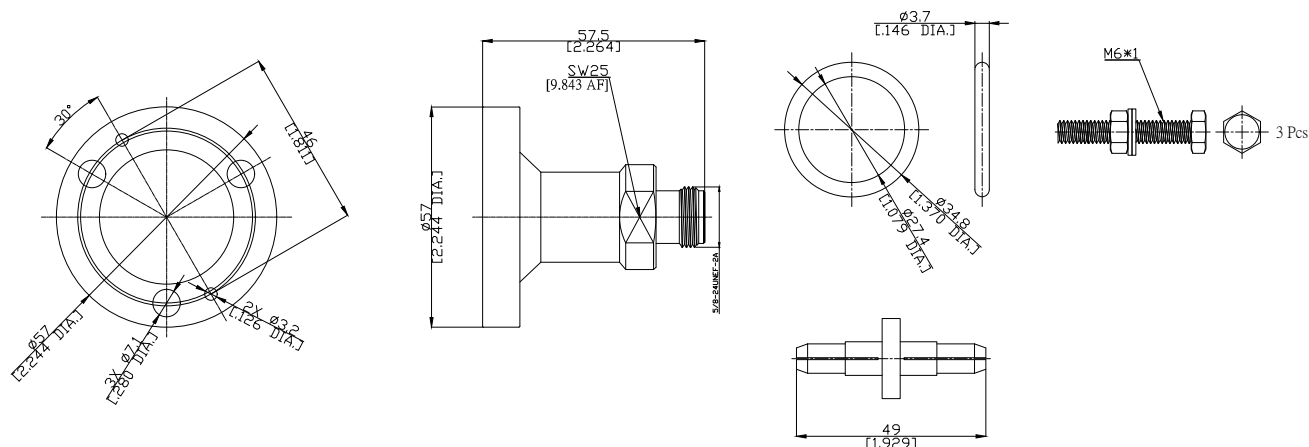


Adaptor
N jack (female) / EIA 7/8" flange

AD-N2EIA785A / G3-G3



All dimensions are in mm [inch]

Tolerances according to DIN ISO 2768-mH

Interface

N according to

|EC60|69-16

EIA 7/8" flange according to

IEC 60339-2

Electrical Data

Impedance

50 Ω

Frequency

DC to 34.5 GHz

VSWR (Return Loss)

DC-2GHz: ≤ 1.10 (≥ 26.44 dB)

Dielectric Withstanding Voltage

≥4000V RMS (50Hz; @ sea level)

Working Voltage (at sea level)

≤1000V RMS (50Hz; @ sea level)

Dielectric Resistance

 $\geq 5000 \text{ M}\Omega$

Average Power

2.3KW@900MHz

Peak Power Maximum

90KW

Contact Resistance

Center Contact:

- N side: $\leq 1.0\text{m}\Omega$
- E/A side: $\leq 1.5\text{m}\Omega$

Outer Contact:

- N side: $\leq 0.25\text{m}\Omega$
- E/A side: $\leq 1.5\text{m}\Omega$

Material And Plating

Piece Parts (N)	Material	Plating
Centre Contact	Beryllium Copper	Silver
Body	Stainless Steel	Passivated
Insulator	PEI	
Piece Parts (EIA 7/8" flange)	Material	Plating
Centre Contact	Phosphor Bronze	Silver
Body	Brass	Nickel
Insulator	PEI	
Gasket	Silicone Rubber	
Flange Nut	Brass	Nickel
Hardware kit (bolts, nuts, lock washers, and flat washers)	Stainless steel	

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: 30/07/2000

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N-CAGE Code: SFKK0 / ISO9001 Certified

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Adaptor
N jack (female) / EIA 7/8" flange

AD-N2EIA785A / G3-G3

Mechanical Data

Mating durability

N side: ≥500 cycles
EIA side: ≥100 cycles

Weight

N/A

Environmental Data

Temperature Range

-40°C to +85°C

IP rating

IP67

RoHS

compliant

Packing

Single or 100