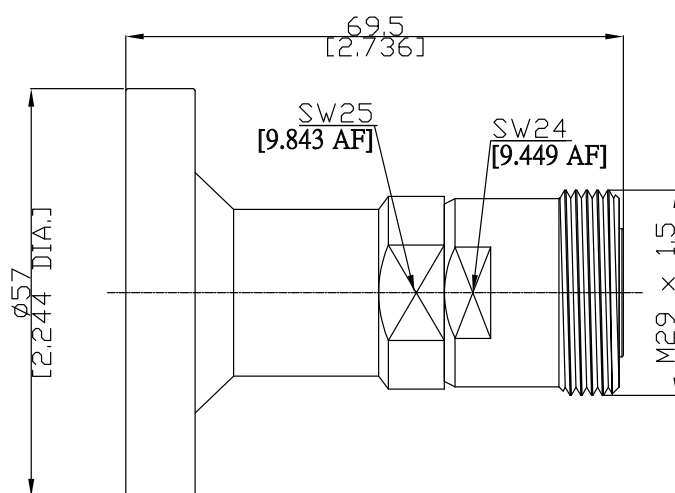
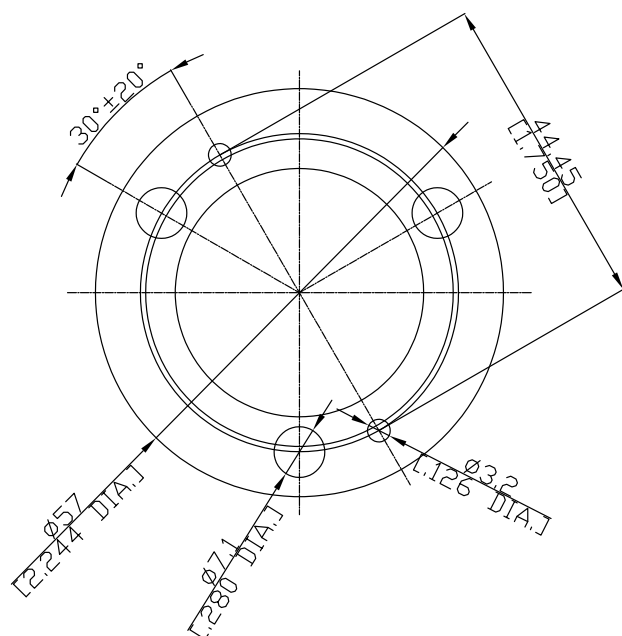




7/16 plug (male) / EIA 7/8" flange Adapter
DC-5 GHz VSWR1.07

AD-D1EIA785A / G33-G3



All dimensions are in mm [inch]

Tolerances according to DIN ISO 2768-mH

Interface

7/16 according to

IEC 61169-4

EIA 7/8" flange according to

IEC 60339-2

Electrical Data

Impedance

50 Ω

Frequency

DC to 5 GHz

VSWR (Return Loss)

DC-1GHz: ≤ 1.07 (≥ 29.42 dB)

Dielectric Withstanding Voltage

≥ 6000V RMS (50Hz; @ sea level)

Working Voltage

≤ 2100V RMS (50Hz; @ sea level)

Dielectric Resistance

≥ 5000MΩ

Average Power

2.3KW @900MHz

Peak Power Maximum

90KW

Contact Resistance

Center Contact:

- 7/16 side: ≤0.4mΩ
- EIA side: ≤1.5mΩ

Outer Contact:

- 7/16 side: ≤1.0mΩ
- EIA side: ≤1.5mΩ

Mechanical Data

Mating durability

7/16 side: ≥500 cycles

EIA side: ≥100 cycles

Weight

N/A

Environmental Data

Temperature range

-45°C to +125°C

IP rating

IP67

RoHS

compliant

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DC-5 GHz VSWR1.07

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Material And Plating

Piece Parts (7/16)	Material	Plating
Centre contact	Phosphor Bronze	Silver
Body	Brass	Nickel
Insulator	PTFE	
Gasket	Silicone Rubber	
Coupling nut	Brass	Nickel
Piece Parts (EIA 7/8" flange)	Material	Plating
Centre contact	Phosphor Bronze	Silver
Body	Brass	Nickel
Insulator	PTFE	
Gasket	Silicone Rubber	
Flange nut	Brass	Nickel
Hardware kit (bolts, nuts, lock washers, and flat washers)	Stainless steel	

Packing

Single or 100