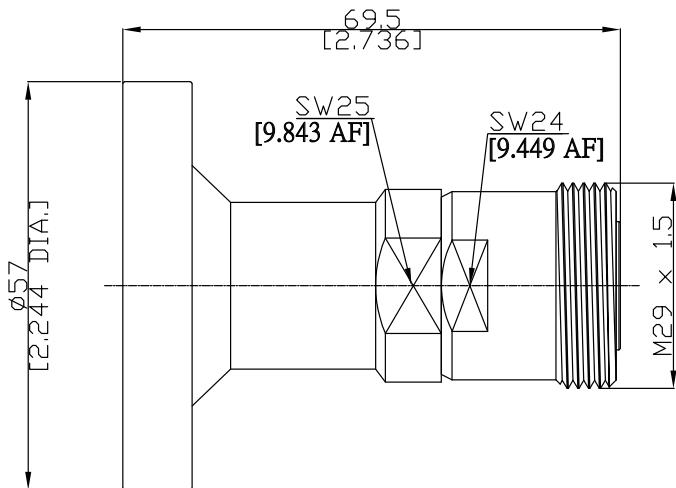
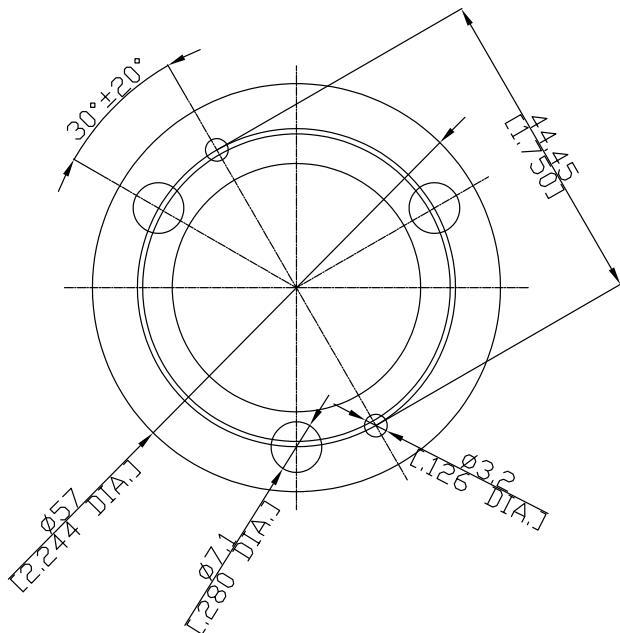


7/16 plug (male) / EIA 7/8" flange Adapter  
DC-5 GHz VSWR1.07

## AD-D1EIA785A / G33-G3



All dimensions are in mm [inch]

Tolerances according to DIN ISO 2768-mH

## Interface

7/16 according to  
EIA 7/8" flange according toIEC 61169-4  
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: <ul style="list-style-type: none"> <li>7/16 side: ≤0.4mΩ</li> <li>EIA side: ≤1.5mΩ</li> </ul> Outer Contact: <ul style="list-style-type: none"> <li>7/16 side: ≤1.0mΩ</li> <li>EIA side: ≤1.5mΩ</li> </ul>

## 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

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

## AD-D1EIA785A / G33-G3

### 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