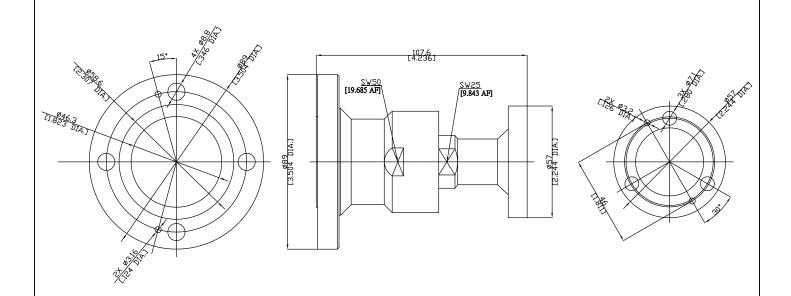


Technical Data Sheet

EIA 7/8" flange / EIA 1 5/8" flange Straight adaptor DC- 3 GHz VSWR ≤ 1.07

AD-EIA78EIA1585A / G3-G3



All dimensions are in mm [inch]

Tolerances according to DIN ISO 2768-mH

EIA 7/8" according to EIA 1.5/8" according to

Electrical Data

Impedance Frequency VSWR (Return loss)

Dielectric Withstanding Voltage

Working Voltage Dielectric Resistance Average Power

Peak Power Maximum Center contact resistance Outer contact resistance

Mechanical Data

Mating cycles

Environmental Data

IP rating

RoHS

Temperature Range

N/A

N/A

50 Ω DC to 3 GHz

≤ 1.07 (≥ 29.42 dB)

≥ 6000V RMS (50Hz; @ sea level) ≤ 2100V RMS (50Hz; @ sea level)

≥ 5000MΩ 3.4KW @900MHz 90KW

≤ 1.5mΩ $\leq 1.5 \text{m}\Omega$

EIA 7/8" side ≥ 100

EIA 1 5/8" side ≥ 100

-45°C to +85°C

IP67 compliant

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.

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JUL/16/2021	NLCAGE Code: SEKKO / ISO9001 Certified



Technical Data Sheet

EIA 7/8" flange / EIA 1 5/8" flange Straight adaptor DC- 3 GHz VSWR ≤ 1.07

AD-EIA78EIA1585A / G3-G3

Material And Plating		
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	Stainless steel	
(bolts, nuts, lock washers, and flat washers)		
Piece Parts (EIA 1 5/8" flange)	Material	Plating
Piece Parts (EIA 1 5/8" flange) Centre contact	Material Phosphor Bronze	Plating Silver
Centre contact	Phosphor Bronze	Silver
Centre contact Body	Phosphor Bronze Brass	Silver
Centre contact Body Insulator	Phosphor Bronze Brass PTFE	Silver
Centre contact Body Insulator Gasket Flange nut Hardware kit	Phosphor Bronze Brass PTFE Silicone Rubber	Silver Nickel
Centre contact Body Insulator Gasket Flange nut	Phosphor Bronze Brass PTFE Silicone Rubber Brass	Silver Nickel

Single or 100