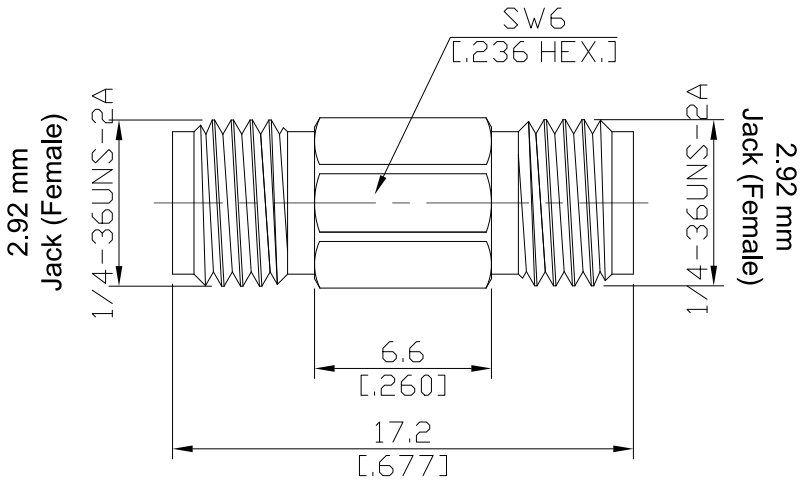
ROSNOL®
RF/Microwave Interconnect

Technical Data Sheet

9 dB Fixed Attenuator, 2.92mm Jack (Female) to 2.92mm Jack (Female), DC–40 GHz, 1 W

FA-K2K25A-40G1W9 / 9X-9X



All dimensions are in mm [inch]
Tolerances according to DIN ISO 2768-mH

Interface

According to	IEC 61169-35; IEEE Std 287

Electrical Data

Impedance	50 Ω
Frequency	DC to 40 GHz
VSWR (Return Loss)	≤ 1.3 (≥ 17.69 dB)
Average power at 25°C	1 W
Peak Power	125 Watts (5 μSec Pulse Width , 1% Duty Cycle)

Accuracy of Attenuation & Power

Nominal Attenuation(dB)	9
Deviation (± dB)	0.5

Material And Plating

Piece Parts (2.92mm)	Material	Plating
Centre Contact	Beryllium Copper	Gold plating
Body	Stainless Steel	Passivated
Insulator	PTFE , Virgin Electrical Grade	
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Body	Stainless Steel	Passivated
Insulator	PTFE , Virgin Electrical Grade	

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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N-CAGE Code: SFKK0 / ISO9001 Certified

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Mechanical Data

Coupling Mechanisms	Screw-On
Mating Cycles	≥ 500
Center Contact Captivation: axial	≥ 20 N
Coupling Test Torque	max. 1.70 Nm
Recommended Torque	0.9 Nm

Environmental Data

Temperature Range	-55°C to + 125°C
RoHS	Compliant

Packing

Single or 100

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