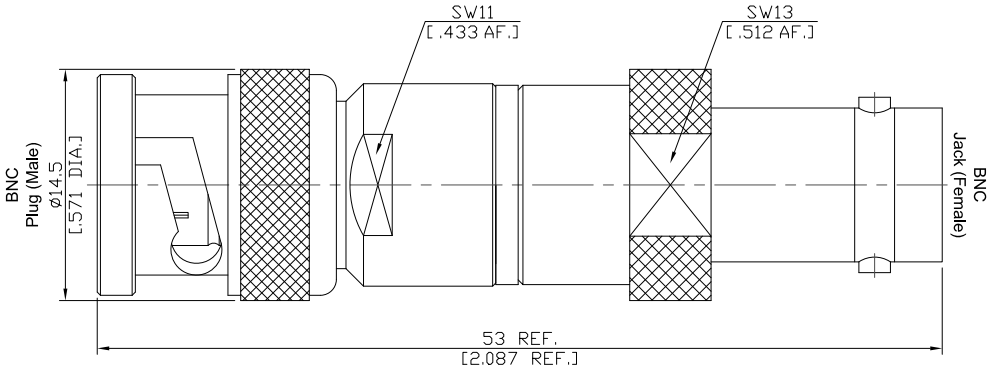
ROSNOL®
RF/Microwave Interconnect

Technical Data Sheet

20 dB Fixed Attenuator, BNC Plug (Male) to BNC Jack (Female), DC–2 GHz, 1 W

FA-B1B25A-2G1W20 / H33-H3



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

Interface

According to	IEC 61169-8; CECC 22120; MIL-PRF-39012; MIL-STD-348B/301; BS 9210 N 004

Electrical Data

Impedance	50 Ω
Frequency	DC to 2 GHz
VSWR (Return Loss)	≤ 1.2 (≥ 20.83 dB)
Average Power at 25°C	1 W

Accuracy of Attenuation & Power

Nominal Attenuation(dB)	20
Deviation (± dB)	0.5

Material and Plating

Piece Parts (BNC)	Material	Plating
Centre Contact	Phosphor Bronze	Gold plating (Non-magnetic nickel-phosphorus underplating)
Body	Brass	Nickel
Insulator	PTFE	
Gasket	Silicone Rubber	
Coupling Nut	Brass	Nickel

Piece Parts (BNC)	Material	Plating
Centre Contact	Phosphor Bronze	Gold plating (Non-magnetic nickel-phosphorus underplating)
Body	Brass	Nickel
Insulator	PTFE	

Mechanical Data

Coupling Mechanisms	Bayonet-Lock
Mating Cycles	≥ 500
Center Contact Captivation: axial	≥ 15 N

Environmental Data

Temperature Range	-65°C to +125°C
RoHS	Compliant

Packing

Single or 100

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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