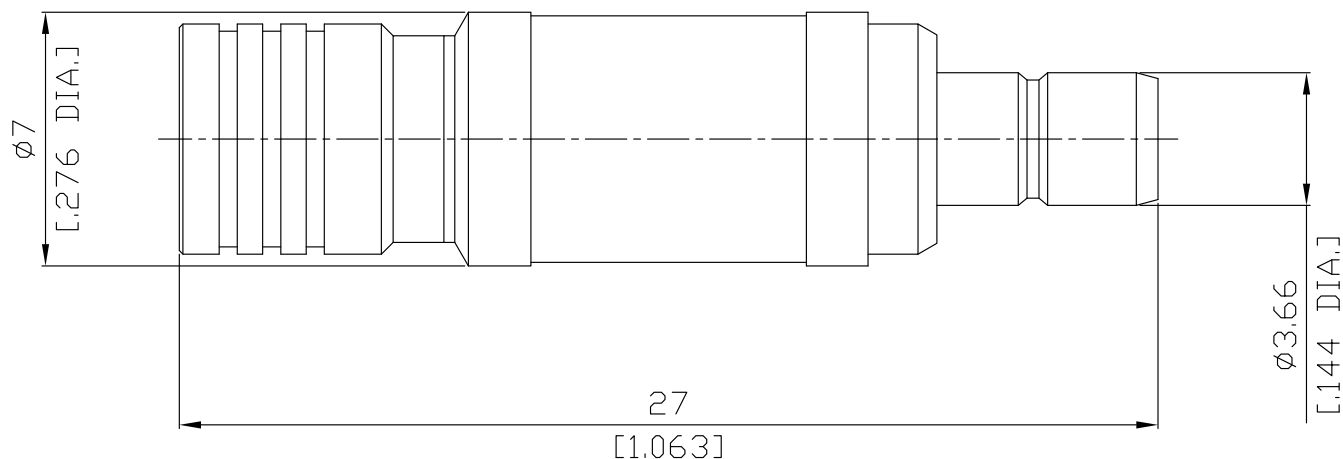


SMB Plug (Male) to SMB Jack (Female)
Fixed Attenuator, DC-4 GHz, VSWR ≤ 1.25

FA-S1S25A-4G2W30 / H1-H1



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

Interface

According to IEC 60169-10; MIL-STD-348A/311

Electrical Data

Impedance 50 Ω
Frequency DC to 4 GHz
VSWR (Return Loss) DC to 2 GHz: ≤ 1.1 (≥ 26.44 dB) ; 2 to 4 GHz: ≤ 1.25 (≥ 19.08 dB)
Input Power 2 Watts
Peak Power 250 W

Accuracy Of Attenuation & Power

ATTN. (dB)	DEVIATION (dB)	AVG. *INPUT POWER @ 25°C
	DC- 4 GHz	
1	± 0.50dB	2.0 WATTS
2		
3		
4	± 0.30dB	
5		
6		
7		
8	± 0.50dB	
9		
10		
20		
30	± 0.70dB	
	± 1.00dB	

SMB Plug (Male) to SMB Jack (Female) Fixed Attenuator, DC-4 GHz, VSWR ≤ 1.25

FA-S1S25A-4G2W30 / H1-H1

Material And Plating

Piece Parts	Material	Plating
Centre Contact	Phosphor Bronze	Gold plating, 3 μ inch (Non-magnetic nickel-phosphorus underplating, 80 μ inch)
Body	Brass	Gold plating, 3 μ inch (Non-magnetic nickel-phosphorus underplating, 80 μ inch)
Insulator	PTFE	
Piece Parts	Material	Plating
Centre Contact	Phosphor Bronze	Gold plating, 3 μ inch (Non-magnetic nickel-phosphorus underplating, 80 μ inch)
Body	Brass	Gold plating, 3 μ inch (Non-magnetic nickel-phosphorus underplating, 80 μ inch)
Insulator	PTFE	

Mechanical Data

Coupling mechanisms	Snap-on
Mating Cycles	≥ 500
Center contact captivation: axial	≥ 10 N
Engagement force	≤ 63 N
Disengagement force	8 N min. to 63 N max.

Environmental Data

Temperature Range	-55°C to + 125°C
Thermal shock	MIL-STD-202, Method 107, Condition B
Corrosion	MIL-STD-202, Method 101, Condition B
Vibration	MIL-STD-202, Method 204, Condition B
Moisture Resistance	MIL-STD-202, Method 106
RoHS	compliant

Packing

Single or 100