



SMA	Fixed Attenuator Plug (Male) / Jack (Female) Up to 18GHz, 2 Watts	FA-A1A25C-18G2W4/9XX-9X						
<table border="1"> <tr> <td>Attenuation Values (dB)</td> <td>Length (mm/inches)</td> </tr> <tr> <td>0 — 12</td> <td>19.3 / .760</td> </tr> <tr> <td>13 — 30</td> <td>22.6 / .890</td> </tr> </table>			Attenuation Values (dB)	Length (mm/inches)	0 — 12	19.3 / .760	13 — 30	22.6 / .890
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0 — 12	19.3 / .760							
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- : Attenuation Value

All dimensions are in mm

Tolerances according to DIN ISO 2768-mH

#### Interface

According to MIL-STD-348A/310

#### Electrical Data

Impedance 50 Ω

Frequency DC to 18 GHz

 VSWR (Return Loss) ≤ 1.35 ( $\geq 16.54$  dB)

Input power handing 2 watts average @ 25°C

Peak power 250 Watts Max.

Standard dB values 0-30 dB

#### Attenuation Accuracy

Attenuation Values (dB)	Accuracy (dB)
0 — 6	± 0.30
7 — 20	± 0.40
21 — 30	± 0.70

#### Mechanical Data

Coupling mechanisms Screw-lock

Weight N/A

#### Environmental Data

Temperature range -65°C to +125°C

RoHS compliant

#### Material And Plating

Piece Parts (SMA)	Material	Plating
Centre contact	Beryllium Copper	Gold plating(Nickel underplated)
Body	Stainless Steel	Passivated
Insulator	PTFE	
Gasket	Silicone Rubber	
Coupling nut	Stainless Steel	Passivated
Piece Parts (SMA)	Material	Plating
Centre contact	Beryllium Copper	Gold plating(Nickel underplated)
Body	Stainless Steel	Passivated
Insulator	PTFE	

#### Packing

Single

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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