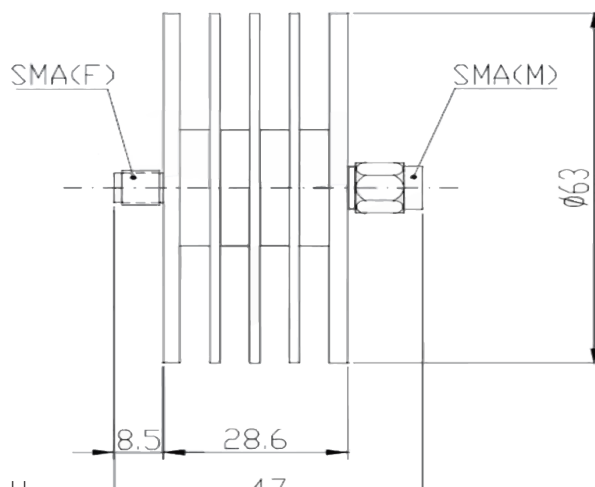


Fixed Attenuator 25 Watt  
SMA plug (male) / SMA jack (female)

FA-A1A25A-18G25W20/133-H3



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

#### Interface

According to IEC 60169-15; MIL-C-39012; MIL-STD-348A/310

#### Electrical Data

Impedance 50  $\Omega$   
Interface frequency max. DC to 18 GHz  
VSWR (Return Loss)  $\leq 1.30$  ( $\geq 17.69$  dB) -12.4-18GHz  
Power handling (Watt) 25 Watts  
Power rating 25 Watt average power up to 25 °C (derates linearly to 0.5 at 125 °C)  
Peak Power 1000 W

#### Maximum Deviation Over Frequency

Nominal ATTN (dB)	Deviation (dB)
10	$\pm 1.0$
20	$\pm 1.0$
30	$\pm 1.0$
40	$\pm 1.0$

#### Mechanical Data

Coupling mechanisms Screw-lock

#### Environmental Data

Temperature range -55°C to +125°C  
RoHS compliant

#### Material And Plating

Piece Parts (SMA)	Material	Plating
Centre contact	Brass	Gold plating(Nickel underplated)
Body	Brass	Nickel
Insulator	PTFE	
Gasket	Silicone Rubber	
Coupling Nut	Brass	Nickel

Piece Parts (SMA)	Material	Plating
Centre contact	Phosphor Bronze	Gold plating(Nickel underplated)
Body	Brass	Nickel
Insulator	PTFE	

#### Packing

Single or 100